

## Rat Tumor Necrosis Factor Ligand Superfamily Member 11 / RANKL (TNFSF11) Protein (Active)

Catalogue No.: abx655816

Tumor Necrosis Factor Ligand Superfamily Member 11 / RANKL (TNFSF11) is an active Rat protein.

|                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
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| <b>Target:</b>              | Tumor Necrosis Factor Ligand Superfamily Member 11 / RANKL (TNFSF11)                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Research Area:</b>       | Signal Transduction, Metabolism, Apoptosis, Tumor Immunity, Bone Metabolism                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Origin:</b>              | Rat                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Expression:</b>          | Recombinant                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Tested Applications:</b> | WB, SDS-PAGE                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Conjugation:</b>         | Unconjugated                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Form:</b>                | Lyophilized                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Activity:</b>            | Active                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Purity:</b>              | > 95%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Reconstitution:</b>      | To keep the original salt concentration, we recommend reconstituting to the original concentration prior to lyophilization (see Concentration) in ddH <sub>2</sub> O. If a lower concentration is required, dilute in PBS, pH 7.4. If a higher concentration is required, the product can be reconstituted directly in PBS, pH 7.4, though please note that this will change the overall salt concentration. The stock concentration should be between 0.1-1.0 mg/ml. Do not vortex. |
| <b>Storage:</b>             | Store at 2-8°C for up to one month. For long-term storage, store at -80°C. Avoid repeated freeze/thaw cycles.                                                                                                                                                                                                                                                                                                                                                                        |
| <b>UniProt Primary AC:</b>  | Q9ESE2 ( <a href="#">UniProt</a> , <a href="#">ExPASy</a> )                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>KEGG:</b>                | rno:117516                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>String:</b>              | <a href="#">10116.ENSARNOP00000013210</a>                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Molecular Weight:</b>    | Calculated MW: 28.2 kDa<br>Observed MW (SDS-PAGE): 35 kDa                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Sequence Fragment:</b>   | Arg72-Asp316                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |

# Datasheet

Version: 4.0.0

Revision date: 07 Oct 2025



**Buffer:** Prior to lyophilization: PBS, pH 7.4, containing 0.01% Sarcosyl, 1 mM DTT, 5% Trehalose and Proclin-300.

**Concentration:** Prior to lyophilization: 200 µg/ml

**Note:** THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

For Reference Only