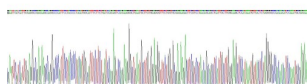


## Mouse Cathepsin G (CTSG) Protein

Catalogue No.: abx167229



SDS-PAGE analysis of recombinant Mouse Cathepsin G (CTSG) Protein.



Gene sequencing extract of recombinant Mouse Cathepsin G (CTSG) Protein.

Cathepsin G (CTSG) Protein is a recombinant Mouse protein expressed in E. coli.

This protein is the immunogen for the following antibodies: [abx129838](#)

**Target:** Cathepsin G (CTSG)

**Research Area:** Tumor Immunity

**Origin:** Mouse

**Expression:** Recombinant

**Tested Applications:** WB, SDS-PAGE

**Host:** E. coli

**Conjugation:** Unconjugated

**Form:** Lyophilized

**Activity:** Not tested

**Purity:** > 80%

# Datasheet

Version: 5.0.0  
Revision date: 18 Sep 2025



|                            |                                                                                                                                                                                                                                                                                     |
|----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Reconstitution:</b>     | Reconstitute in ddH <sub>2</sub> O to a concentration between 0.1-0.5 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> | P28293 ( <a href="#">UniProt</a> , <a href="#">ExPASy</a> )                                                                                                                                                                                                                         |
| <b>Gene Symbol:</b>        | CTSG                                                                                                                                                                                                                                                                                |
| <b>GeneID:</b>             | <a href="#">13035</a>                                                                                                                                                                                                                                                               |
| <b>KEGG:</b>               | mmu:13035                                                                                                                                                                                                                                                                           |
| <b>String:</b>             | <a href="#">10090.ENSMUSP00000015583</a>                                                                                                                                                                                                                                            |
| <b>Molecular Weight:</b>   | Calculated MW: 56.9 kDa<br>Observed MW (SDS-PAGE): 57 kDa                                                                                                                                                                                                                           |
| <b>Sequence Fragment:</b>  | Ile21-Thr261                                                                                                                                                                                                                                                                        |
| <b>Sequence:</b>           | IIGGREARPH SYPYMAFLLI QSPEGLSACG GFLVREDFVL TAAHCLGSSI NVTLGAHNIQ<br>MRERTQQLIT VLRAIRHPDY NPQNI RNDIM LLQLRRRARR SGSVKPVALP QASKKLQPGD<br>LCTVAGWGRV SQSRGTNLVQ EVQLRVQMDQ MCANRFQFYN SQTQICVGNP RERKSAFRGD<br>SGGPLVCSNV AQGIVSYGSN NGNPPAVFTK IQSFMPWIKR TMRRFAPRYQ RPANSLSQAQ T |
| <b>Tag:</b>                | N-terminal His tag and GST tag                                                                                                                                                                                                                                                      |
| <b>Buffer:</b>             | Prior to lyophilization: PBS, pH 7.4, containing 0.01% Sarcosyl, 5% Trehalose.                                                                                                                                                                                                      |
| <b>Concentration:</b>      | Prior to lyophilization: 100 µg/ml                                                                                                                                                                                                                                                  |
| <b>Note:</b>               | THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.                                                                                                                                          |