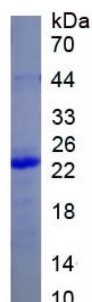
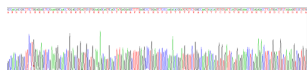


## Rat Coagulation Factor II, Thrombin / Prothrombin (F2) Protein

Catalogue No.: abx065954



SDS-PAGE analysis of recombinant Rat F2 Protein.



Gene sequencing extract of recombinant Rat F2 Protein.

Rat Coagulation Factor II (F2) is a recombinant Rat protein produced in a Prokaryotic expression system (E. coli).

This protein is the immunogen for the following antibodies: [abx101853](#)

**Target:** Coagulation Factor II, Thrombin / Prothrombin (F2)

**Origin:** Rat

**Expression:** Recombinant

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

**Host:** E. coli

**Conjugation:** Unconjugated

**Form:** Lyophilized

**Purity:** > 97%

# Datasheet

Version: 3.0.0  
Revision date: 10 Jun 2025



<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 10 mM PBS, pH 7.4. If a higher concentration is required, the product can be reconstituted directly in 10 mM 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. Store at -80 °C for up to one year. Avoid repeated freeze/thaw cycles.
<b>UniProt Primary AC:</b>	P18292 ( <a href="#">UniProt</a> , <a href="#">ExPASy</a> )
<b>String:</b>	<a href="#">10116.ENSRNOP00000022233</a>
<b>Molecular Weight:</b>	Calculated MW: 18.1 kDa Observed MW (SDS-PAGE): 23 kDa Possible reasons why the actual band size differs from the predicted band size: <ol style="list-style-type: none"><li>1. Splice variants. Alternative splicing may create different sized proteins from the same gene.</li><li>2. Relative charge. The composition of amino acids may affect the charge of the protein.</li><li>3. Post-translational modification. Phosphorylation, glycosylation, methylation etc. may affect the band size.</li><li>4. Post-translational cleavage. Many proteins are synthesised as pro-proteins, and then cleaved to give the active form.</li><li>5. Polymerisation of the target protein. Dimerisation, multimerisation etc. will increase the band size observed.</li></ol>
<b>Sequence Fragment:</b>	Ala44-Arg200
<b>Sequence:</b>	ANSGFLE ELRKGNLERE CVEEQCSYEE AFEALES PQD TDVFWAKYTV CDSVRKPRET FMDCLEGRCA MDLGLNYHGN VSVTHTGIEC QLWRSRYPHR PDINSTTHPG ADLKENFCRN PDSSTSGPWC YTTPDPTVRRE ECSIPVCGQE GRITTVKMTPR
<b>Tag:</b>	N-terminal His tag
<b>Buffer:</b>	Prior to lyophilization: PBS, pH 7.4, containing 0.01% Sarcosyl, 5% Trehalose.
<b>Activity:</b>	Not tested
<b>Concentration:</b>	Prior to lyophilization: 3500 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.