

Recombinant Rat F2 protein, His-tagged

Cat. No. F2-7770R Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Rat F2 aa. (Thr324~Arg617 (Accession # P18292)) fused with N-terminal His tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Thr324~Arg617
Form	Freeze-dried powder
Molecular Mass	33kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>98%
Characteristic	The isoelectric point is 9.
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

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Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Concentration	200µg/mL
Storage buffer	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5%Trehalose and Proclin300.
Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name	F2 coagulation factor II [<i>Rattus norvegicus</i> (Norway rat)]
Official Symbol	F2
Synonyms	prothrombin; coagulation factor 2; thrombin
Gene ID	29251
mRNA Refseq	NM_022924.2
Protein Refseq	NP_075213.2
UniProt ID	P18292

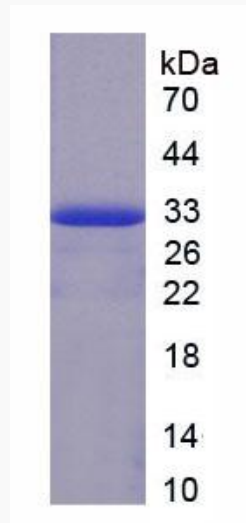
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SDS-PAGE



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