

Recombinant Rat F13a1 protein, His & T7-tagged

Cat. No. F13a1-1500R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat F13a1 aa. (Asp140~Asn377) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Asp140~Asn377
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 31.0kDa.
Endotoxin	<1.0EU per 1g (determined by the LAL method).
Purity	>95%
Characteristic	The isoelectric point is 5.3.
Applications	SDS-PAGE; WB; ELISA; IP.
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.
Storage buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

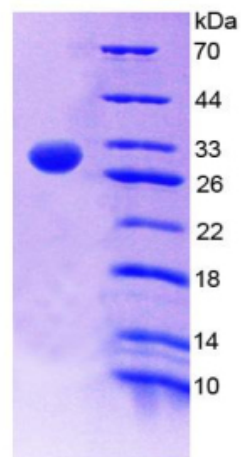
Gene Name	F13a1 coagulation factor XIII A1 chain [Rattus norvegicus (Norway rat)]
Official Symbol	F13a1
Synonyms	F13a; coagulation factor XIII, A1 polypeptide; coagulation factor XIII, A1 subunit; coagulation factor XIIIa; protein-glutamine gamma-glutamyltransferase A chain; transglutaminase A chain; coagulation factor XIII A chain
Gene ID	60327
mRNA Refseq	NM_021698.2
Protein Refseq	NP_067730.2
UniProt ID	G3V811

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SDS-PAGE



15% SDS-PAGE

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