

Recombinant Cattle F5 protein, His & GST-tagged

Cat. No. F5-764C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Cattle F5 aa. (Cys1894~Gly2047 (Accession # Q28107)) fused with N-terminal His & GST tag was produced in E. coli cells.
Species	Cattle
Source	E.coli
ProteinLength	Cys1894~Gly2047
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 49.5kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 6.6.
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.
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Storage buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% sucrose, 0.01% sarcosyl.
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Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
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GENE INFORMATION

Gene Name	F5 coagulation factor V [Bos taurus (cattle)]
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Official Symbol	F5
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Synonyms	activated protein C cofactor; coagulation factor V (proaccelerin, labile factor); coagulation factor V
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Gene ID	280687
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mRNA Refseq	NM_173879.2
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Protein Refseq	NP_776304.1
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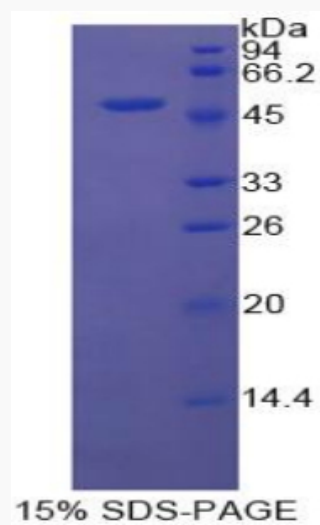
UniProt ID	Q28107
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SDS-PAGE



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