Recombinant Rat Fgl1 protein, His & GST-tagged

Cat. No. Fgl1-8245R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Fgl1 aa. (Leu23~Val314 (Accession # Q5M8C6)) fused with N-terminal His & GST tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Leu23~Val314
Description	Member of the fibrinogen family; appears to lack the platelet-binding and thrombin-sensitive sites, and cross-linking region, which are necessary for fibrin clot formation; protein may be liver-specific.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 60.8kDa.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 5.9.
Applications	SDS-PAGE; WB; ELISA; IP.

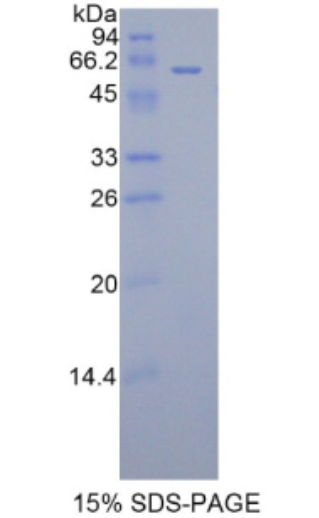
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Stability	The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.
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% sucrose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name	Fgl1 fibrinogen-like 1 [Rattus norvegicus (Norway rat)]
Official Symbol	Fgl1
Synonyms	Fgl1; fibrinogen-like 1; Frep1; Lfire1; fibrinogen-like protein 1; fibrinogen-related protein 1; fibronigen-like protein 1; liver fibrinogen-related protein 1
Gene ID	246186
mRNA Refseq	NM_172010.1
Protein Refseq	NP_742007.1
UniProt ID	Q5M8C6

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SDS-PAGE	 15% SDS-PAGE

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