

Recombinant Rat Fgb Protein, His-tagged

Cat. No. Fgb-1479R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Fgb Protein (Gly33-Gln479) with N-His tag was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	Gly33-Gln479
Description	Predicted to enable chaperone binding activity; signaling receptor binding activity; and structural molecule activity. Predicted to contribute to cell adhesion molecule binding activity. Involved in cellular response to interleukin-1 and cellular response to leptin stimulus. Located in blood microparticle and cytoplasm. Biomarker of pancreatitis and pulmonary embolism. Human ortholog(s) of this gene implicated in cardiovascular system disease (multiple); congenital afibrinogenemia; and end stage renal disease. Orthologous to human FGB (fibrinogen beta chain).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 51.9 kDa Accurate Molecular Mass: 52 kDa
Purity	> 95%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

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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 centigrade 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.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in PBS or others.

GENE INFORMATION

Gene Name	Fgb fibrinogen beta chain [Rattus norvegicus (Norway rat)]
Official Symbol	Fgb
Synonyms	FGB; fibrinogen beta chain; fibrinogen, beta polypeptide; fibrinogen, B beta polypeptide; liver regeneration-related protein LRRG036/LRRG043/LRRG189; Ab1-181; Ab1-216; Ac1-581;
Gene ID	24366
mRNA Refseq	NM_020071
Protein Refseq	NP_064456
UniProt ID	P14480

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