

Recombinant Rat Fgl1 Protein, His-tagged

Cat. No. Fgl1-1502R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Fgl1 Protein (Leu23-Val314) with N-His tag was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	Leu23-Val314
Description	Predicted to enable signaling receptor binding activity. Predicted to be involved in hepatocyte proliferation; negative regulation of T cell activation; and regulation of immune response. Predicted to act upstream of or within several processes, including adipose tissue development; cholesterol metabolic process; and response to stilbenoid. Predicted to be located in extracellular region. Predicted to be active in collagen-containing extracellular matrix and extracellular space. Orthologous to human FGL1 (fibrinogen like 1).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 37.7 kDa Accurate Molecular Mass: 38 kDa
Purity	> 90%
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	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 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.

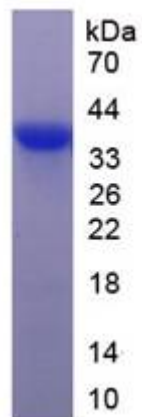
GENE INFORMATION

Gene Name	Fgl1 fibrinogen-like 1 [Rattus norvegicus (Norway rat)]
Official Symbol	Fgl1
Synonyms	FGL1; fibrinogen-like 1; fibrinogen-like protein 1; fibronigen-like protein 1; fibrinogen-related protein 1; liver fibrinogen-related protein 1; Frep1; Lfire1; MGC108569;
Gene ID	246186
mRNA Refseq	NM_172010
Protein Refseq	NP_742007
UniProt ID	Q5M8C6

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