Active Recombinant Human FGL1 protein(Met1-Ile312), His-tagged

Cat. No. FGL1-120H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human FGL1 (NP_004458.3) (Met1-Ile312) was expressed in Insect Cells with a polyhistidine tag at the C-terminus.
Species	Human
Source	Insect Cells
ProteinLength	Met1-Ile312
Form	Lyophilized from sterile 20 mM Tris, 300 mM NaCl, 10 % glycerol, PH 8.0. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bio-activity	Measured by its ability to bind with human LAG3 in a functional ELISA.
Molecular Mass	The recombinant human FGL1 consists of 301 amino acids and predicts a molecular mass of 35.5 kDa.
Endotoxin	< 1.0 EU per μg protein as determined by the LAL method.
Purity	> 90 % as determined by SDS-PAGE.
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein

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	be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	FGL1 fibrinogen-like 1 [Homo sapiens]
Official Symbol	FGL1
Synonyms	FGL1; fibrinogen-like 1; fibrinogen-like protein 1; HFREP 1; hepassocin; liver fibrinogen-related protein 1; hepatocellular carcinoma-related sequence; hepatocyte-derived fibrinogen-related protein 1; HFREP1; HP-041; LFIRE1; LFIRE-1; MGC12455;
Gene ID	2267
mRNA Refseq	NM_004467
Protein Refseq	NP_004458
MIM	605776
UniProt ID	Q08830

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