

Active Recombinant Human FGL1 protein, Fc-tagged

Cat. No. FGL1-1453H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human FGL1 protein(Leu23-Ile312), fused with Fc tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	23-312 a.a.
Form	Lyophilized from 0.22 µm filtered solution in 50 mM Tris, 100 mM Glycine, 150 mM NaCl, pH7.5.
Bio-activity	Immobilized Human LAG-3, Mouse IgG2a Fc Tag at 10 µg/mL (100 µL/well) can bind Human FGL1, Fc Tag with a linear range of 0.02-0.156 µg/mL. Serial dilutions of Anti-LAG3, Neutralizing Antibody were added into Human FGL1, Fc Tag : Biotinylated Human LAG-3, Mouse IgG2a Fc, Avitag binding reactions. The half maximal inhibitory concentration (IC50) is 0.42303 µg/mL.
Molecular Mass	This protein carries a human IgG1 Fc tag at the N-terminus. The protein has a calculated MW of 60.5 kDa. The protein migrates as 60 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Proteinlength	Leu23-Ile312
Endotoxin	Less than 1.0 EU per

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

	µg by the LAL method.
Purity	>95% as determined by SDS-PAGE.
Storage	For long term, the product should be stored at lyophilized state at -20°C or lower. Please avoid repeated freeze-thaw cycles. This product is stable after at: -20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution.
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

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UniProt ID

Q08830

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