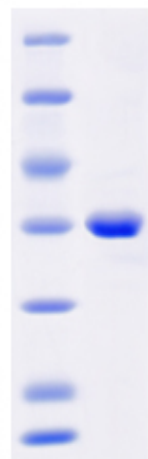


Product Name	Recombinant Human FGL1	SDS-PAGE gel	
Synonym(s)	HFREP1; HP-041; LFIRE-1; LFIRE1	1	2
Quantity	100 µg, 1 mg	kDa	M
Species	Human		
Class Type	Recombinant Protein	116	
Molecular weight	35.5 kDa	66.2	
Purity	≥ 90% by SDS-PAGE, ≥ 90% by SEC-HPLC	45.0	
Tag	C-terminal polyhistidine tag	35.0	
Expression Source	Insect Cells	25.0	
GenBank Accession #	NP_004458.3, Met1-Ile312	18.4	
Application	Western Blotting, Functional Studies	14.4	
Endotoxin	<1.0 EU/µg protein as determined by the LAL method.	1 – MW Marker 2 – FGL1	
Formulation	Lyophilized from sterile 20mM Tris, 300mM NaCl, 10% glycerol, pH 8.0.		
Storage and Stability	Stable for 12 months at -80°C, Avoid freeze/thaw cycles		
Description	FGL1 (Fibrinogen-Like Protein 1) is a secreted protein primarily produced by the liver. It belongs to the fibrinogen-related protein family and plays roles in liver regeneration, metabolic regulation, and immune modulation. FGL1 is also known as a major ligand for the immune checkpoint receptor LAG-3, contributing to immune suppression in the tumor microenvironment and making it relevant in cancer biology and immunotherapy research.		
Reference	Wang J, Sanmamed MF, Datar I, Su TT, Ji L, Sun J, et al. <i>Fibrinogen-like protein 1 is a major immune inhibitory ligand of LAG-3</i> . Cell. 2019;176(1–2):334-347.e12. doi:10.1016/j.cell.2018.11.010. Mei J, Zhang Z, Wang L, et al. <i>Research advances in FGL1/LAG3 for cancer diagnosis and treatment: from basics to clinical practice</i> . J Cancer Res Ther. 2025;[Epub ahead of print]. Liu J, Chen X, Zhou H, et al. <i>Fibrinogen-like protein 1 promotes liver-resident memory T-cell exhaustion in hepatocellular carcinoma</i> . Front Immunol. 2023;14:1112672. Zhang L, Chen Q, Wang Z, et al. <i>Implication of the hepatokine, fibrinogen-like protein 1 in liver diseases, metabolic disorders and cancer: the need to harness its full potential</i> . [Review]. PubMed. 2021 / 2022.		

Related products:

Product Name	Catalog #	Size
Recombinant Human PD-L1	237351	100 µg
Recombinant Human CD40	232340	100 µg
Recombinant Human CD40L	2323405	100 µg
Recombinant Human CD70	232370	100 µg

Recombinant Human CD155	2323155	100 ug
Recombinant Human SIRP-alpha	2374772	100 ug
Recombinant Human OX40	236940	100 ug
Recombinant Human OX40L	2369405	100 ug
DNA Polymerase Theta Activity Assay Kit	362101	96 reactions
DNA Polymerase Theta-N-Helicase Domain	7657643	20 ug, 100 ug
DNA Polymerase Theta-C terminal Domain	7657283	20 ug, 100 ug, 1 mg
DNA Polymerase Theta Full Length protein	7657385	10 ug, 50 ug
T7 RNA polymerase	777627	5000 U, 25000U, 100000U
T7 High Yield RNA Synthesis Kit	777627-RK	25 rxns, 50 rxns, 100 rxns
Recombinant Mouse Leukemia Inhibitory Factor (mLIF)	11-0001	10 ug, 100 ug
Recombinant Human LIF	12-0002	10 ug, 100 ug, 1 mg
Recombinant Human LIF, Animal-Free	12-0002AFR	10 ug, 100 ug, 1 mg
Recombinant Human FGF-basic, Carrier-free	12-0005CFR	50 ug, 100 ug, 500 ug, 1 mg
Kras Wild Type (WT), GST-tag	5727-4121G	50 µg, 100 µg
Kras WT, GST-tag, GDP Loaded	5727-WTG-G	50 µg, 100 µg
Kras WT, GST-tag, GppNHp loaded	5727-WTG-GP	50 µg, 100 µg
Kras G12C, GST-tag	5727-4122G	50 µg, 100 µg
Kras G12C, GST-tag, GDP Loaded	5727-4122G -G	50 µg, 100 µg
Kras G12C, GST-tag, GppNHp loaded	5727-4122G -GP	50 µg, 100 µg
Kras G12C Nucleotide Exchange Assay Kit	5727-4122NK	384 reactions
Kras G12C – cRAF Binding Assay Kit	5727-4122BK	384 reactions
Human RBD-RAF1, N-His tag, C-FLAG tag	7237231	50 µg, 100 µg
Human SOS1, No Tag	7671	50 µg, 100 µg
Human SOS1, His-Avi-Tag	7671HA	50 µg, 100 µg

This product is for research use only and not for diagnostic or therapeutic use.

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