

For Research Use Only

Recombinant Human FGL1 protein (rFc Tag)



Catalog Number: Eg2765

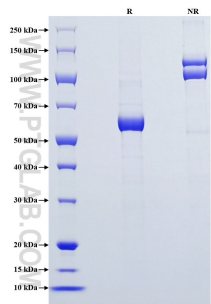
Basic Information	Species: Human	Purity: >90 %, SDS-PAGE	Tag: rFc Tag
Technical Specifications	Purity: >90 %, SDS-PAGE Endotoxin Level: <0.1 EU/μg protein, LAL method Source: HEK293-derived Human FGL1 protein Leu23-Ile312 (Accession# Q08830) with a rabbit IgG Fc tag at the C-terminus. GeneID: 2267 Accession: Q08830 Predicted Molecular Mass: 60 kDa SDS-PAGE: 55-65 kDa, reducing (R) conditions Formulation: Lyophilized from 0.22 μm filtered solution in PBS, pH 7.4. Normally 5% trehalose and 5% mannitol are added as protectants before lyophilization.		
Biological Activity	Not tested		
Storage and Shipping	Storage: It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles. • Until expiry date, -20°C to -80°C as lyophilized proteins. • 3 months, -20°C to -80°C under sterile conditions after reconstitution. Shipping: The product is shipped at ambient temperature. Upon receipt, store it immediately at the recommended temperature.		
Reconstitution	Briefly centrifuge the tube before opening. Reconstitute at 0.1-0.5 mg/mL in sterile water.		
Background	Fibrinogen-like 1 (FGL1), also termed hepatocyte-derived fibrinogen-related protein 1 (HFREP1) or hepassocin, is a predominantly liver expressed protein that has been implicated as both a hepatoprotectant and a hepatocyte mitogen. FGL1 expression is decreased in hepatocellular carcinoma (HCC), and it may play a role in the development of hepatocellular carcinomas.		
References	1. Hara, H et al. Biochimica et biophysica acta vol. 1520,1 (2001): 45-53. 2. Li, Chang-Yan et al. Gut vol. 59,6 (2010): 817-26. 3. Chen, Jiongming et al. Biomarker research vol. 12,1 53. 31 May. 2024.		
Synonyms	Hepassocin, fibrinogen like 1, Fibrinogen like protein 1, Fibrinogen-like protein 1, Hepatocyte-derived fibrinogen-related protein 1		

For technical support and original validation data for this product please contact

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Selected Validation Data



Purity of Recombinant Human FGL1 was determined by SDS-PAGE. The protein was resolved in an SDS-PAGE in reducing (R) and non-reducing (NR) conditions and stained using Coomassie blue.