HUMAN FGL1 PROTEIN, HFC TAG

Cat.#: 11734

Product Name: Human FGL1 Protein

Size : 10 μg, 50 μg and 100 μg

Synonyms: HFREP1;HP-041;HPS;LFIRE-1;LFIRE1

Target: FGL1

UNIPROT ID: Q08830

Description: Recombinant Human FGL1 Protein with N-terminal human Fc tag

Background: Fibrinogen-like 1 is a member of the fibrinogen family. This protein is homologous to the carboxy terminus of the fibrinogen beta- and gamma- subunits which contains the four conserved cysteines of fibrinogens and fibrinogen related proteins. However, this protein lacks the platelet-binding site, cross-linking region and a thrombin-sensitive site which are necessary for fibrin clot formation. This protein may play a role in the development of hepatocellular carcinomas. Four alternatively spliced transcript variants encoding the same protein exist for this gene. [provided by RefSeq, Jul 2008]

Species/Host: HEK293

Molecular Weight: The protein has a predicted molecular mass of 60.1 kDa after removal of the signal peptide. The apparent molecular mass of hFc-FGL1 is approximately 55-70 kDa due to glycosylation.

Molecular Characterization: hFc(Glu99-Ala330) FGL1(Leu23-Ile312)

Purity: The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.

Formulation & Reconstitution: Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before lyophilization.

Storage & Shipping: Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.

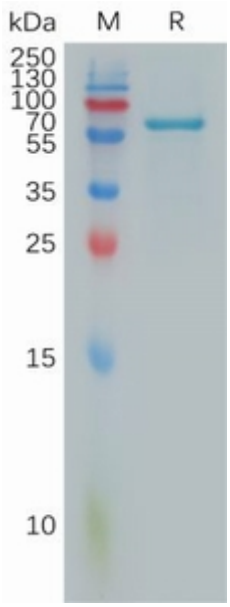

Figure 1. Human FGL1 Protein, hFc Tag on SDS-PAGE under reducing condition.