

## HUMAN FGL1 PROTEIN, HIS TAG

**Cat.#:** 11823

**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 C-terminal 6xHis 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 34.8 kDa after removal of the signal peptide. The apparent molecular mass of FGL1-His is approximately 25-35 kDa due to glycosylation.

**Molecular Characterization:** FGL1(Leu23-Ile312) 6×His tag

**Purity:** The purity of the protein is greater than 85% 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.

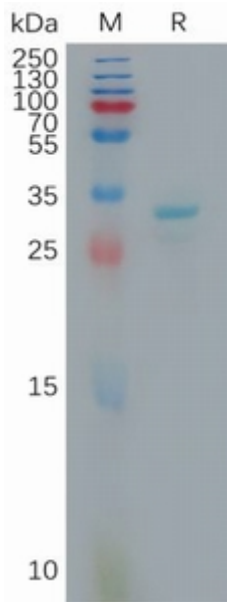


Figure 1. Human FGL1 Protein, His Tag on SDS-PAGE under reducing condition.