

**PRODUCT INFORMATION**

<b>Target</b>	FGL1
<b>Synonyms</b>	HFREP1;HP-041;HPS;LFIRE-1;LFIRE1
<b>Description</b>	Recombinant Human FGL1 protein with C-terminal 6×His tag
<b>Delivery</b>	In Stock
<b>Uniprot ID</b>	Q08830
<b>Expression Host</b>	HEK293
<b>Tag</b>	C-6×His Tag
<b>Molecular Characterization</b>	FGL1(Leu23-Ile312) 6×His tag
<b>Molecular Weight</b>	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.
<b>Purity</b>	The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue staining.
<b>Formulation &amp; Reconstitution</b>	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
<b>Storage&amp;Shipping</b>	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.
<b>Sterility</b>	Products are supplied non-sterile. For cell culture applications, dilute in appropriate medium and sterile-filter (0.22 µm) prior to use.
<b>Background</b>	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]
<b>Usage</b>	Research use only
<b>Conjugate</b>	Unconjugated



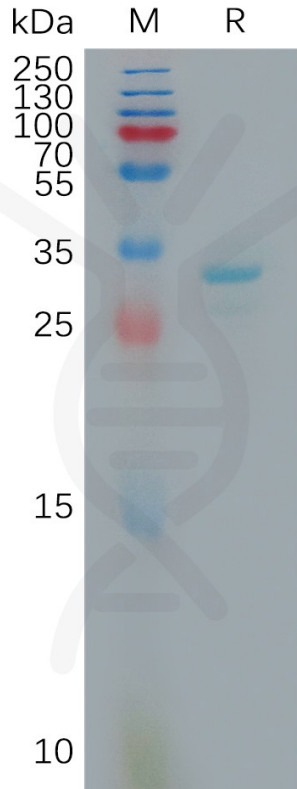


Figure 1. Human FGL1 Protein, His Tag on SDS-PAGE under reducing condition.

### Human FGL1 Protein, His Tag ELISA

0.2  $\mu\text{g}$  of Human FGL1, His Tagged protein per well

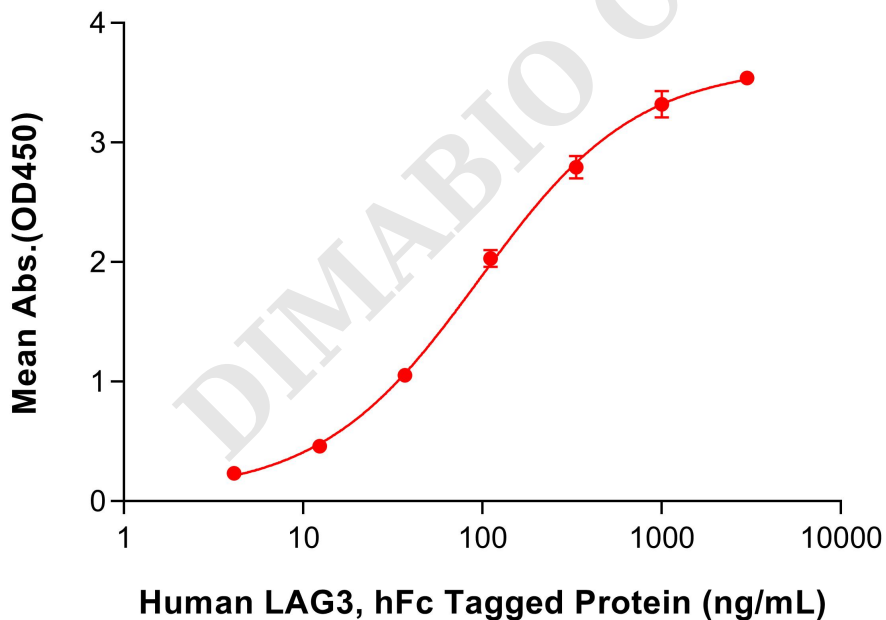


Figure 2. ELISA plate pre-coated by 2  $\mu\text{g}/\text{mL}$  (100  $\mu\text{L}/\text{well}$ ) Human FGL1 Protein, His Tag (PME101159) can bind Human LAG3 Protein, hFc Tag (PME100513) in a linear range of 80–200 ng/mL.



### Human FGL1 Protein, His Tag ELISA

0.2  $\mu$ g of Human FGL1, His Tagged protein per well

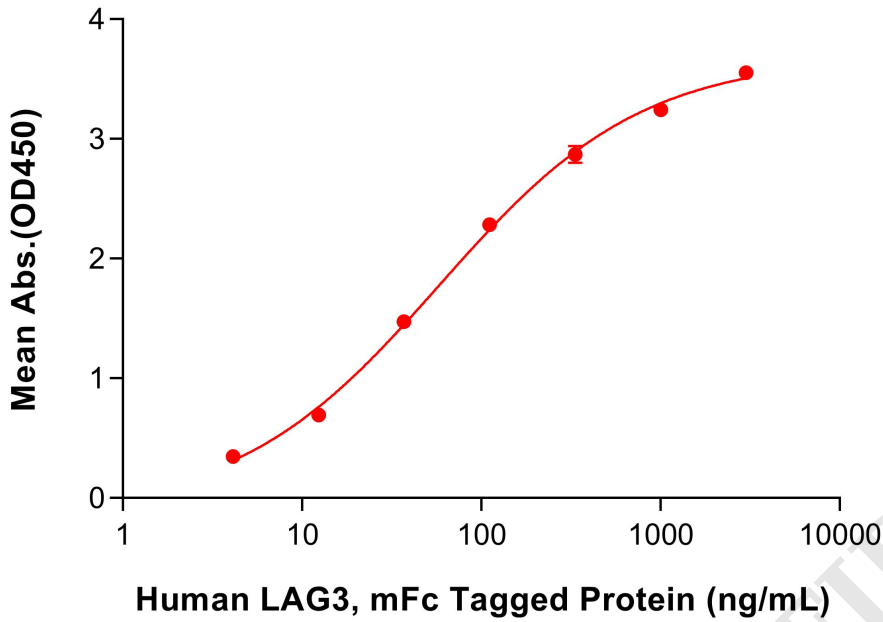


Figure 3. ELISA plate pre-coated by 2  $\mu$ g/mL (100  $\mu$ L/well) Human FGL1 Protein, His Tag (PME101159) can bind Human LAG3 Protein, mFc Tag (PME101844) in a linear range of 80-200 ng/mL.

