PRODUCT INFORMATION

Target	FGL1
Synonyms	HFREP1;HP-041;HPS;LFIRE-1;LFIRE1
Description	Recombinant Human FGL1 protein with C-terminal 6×His tag
Delivery	In Stock
Uniprot ID	Q08830
Expression Host	HEK293
Tag	C-6×His Tag
Molecular Characterization	FGL1(Leu23-Ile312) 6×His tag
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.
Purity	The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue staining.
Formulation & Reconstitution	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.
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.
Sterility	Products are supplied non-sterile. For cell culture applications, dilute in appropriate medium and sterile-filter (0.22 μm) prior to use.
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]
Usage	Research use only
Conjugate	Unconjugated

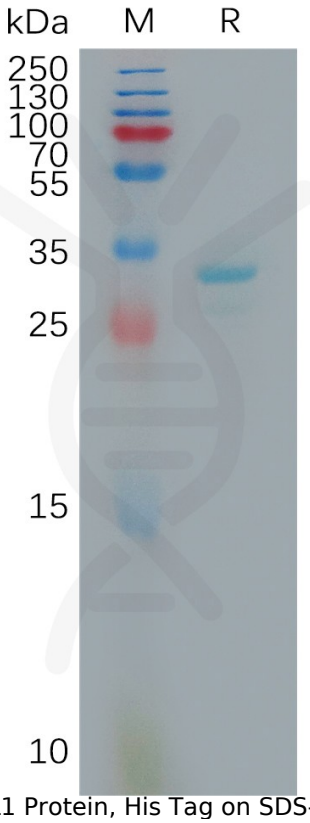

Figure 1. Human FGL1 Protein, His Tag on SDS-PAGE under reducing condition.

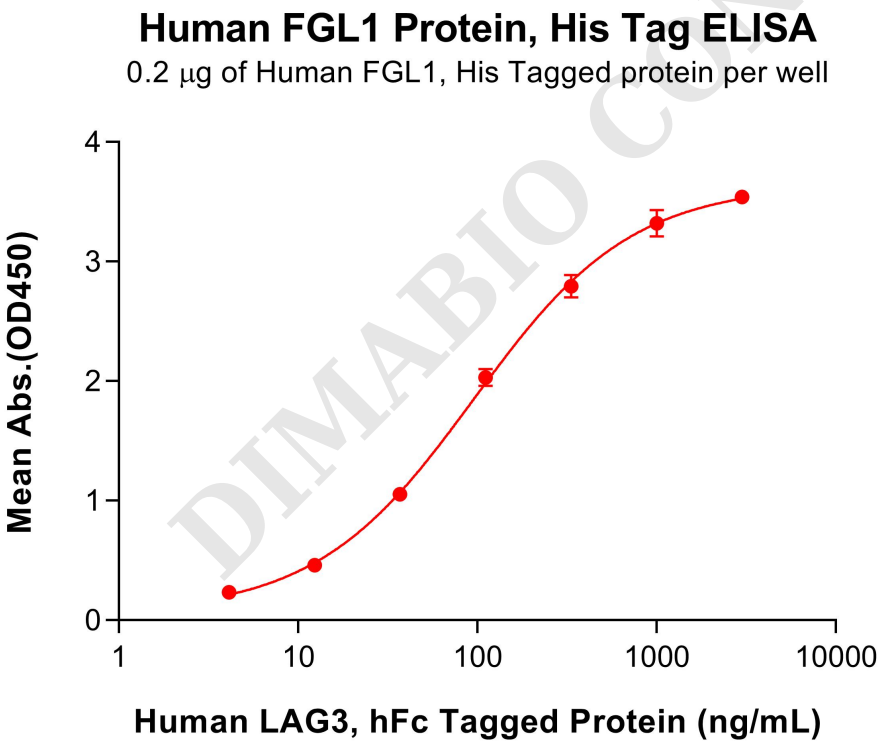

Figure 2. ELISA plate pre-coated by 2 μg/mL (100 μL/well) Human FGL1 Protein, His Tag (PME101159) can bind Human LAG3 Protein, hFc Tag (PME100513) in a linear range of 80–200 ng/mL.

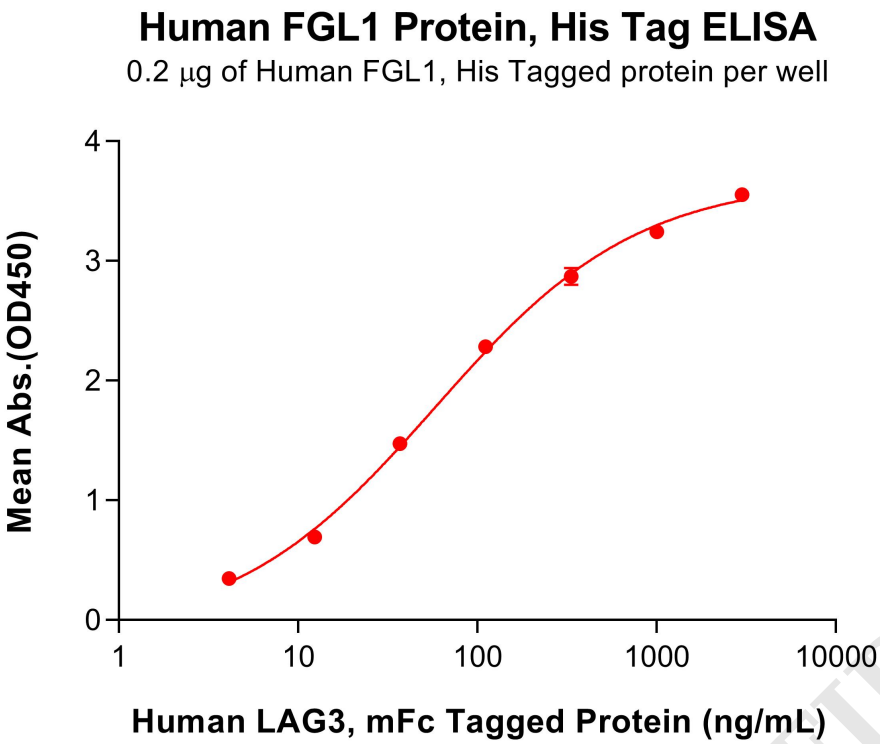

Figure 3. ELISA plate pre-coated by 2 μg/mL (100 μL/well) Human FGL1 Protein, His Tag (PME101159) can bind Human LAG3 Protein, mFc Tag (PME101844) in a linear range of 80–200 ng/mL.