

PRODUCT INFORMATION

FGL1 **Target**

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

Recombinant Human FGL1 protein with C-**Description**

terminal 6×His tag

Delivery In Stock **Uniprot ID** Q08830 **HEK293 Expression Host** Tag C-6×His Tag

Molecular

Background

FGL1(Leu23-Ile312) 6×His tag Characterization

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 **Molecular Weight**

approximately 25-35 kDa due to glycosylation.

The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue Purity

staining.

Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis Formulation & Reconstitution

for specific instructions of reconstitution. 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 Storage & Shipping at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient

temperature.

Fibrinogen-like 1 is a member of the fibrinogen family. This protein is homologous to the carboxy terminus of the fibrinogen beta- and gammasubunits 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-

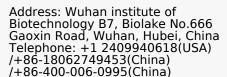
sensitive site which are necessary for fibrin clot formation. This protein may play a role in the development of hepatocellular carcinomas. Four alternatively spliced transcript variants encoding the same protein exist for this gene. [provided by

RefSeq, Jul 2008]

Usage Research use only

Unconjugated Conjugate

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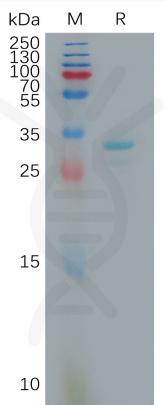


Figure 1. Human FGL1 Protein, His Tag on SDS-PAGE under reducing condition.

Human FGL1 Protein, His Tag ELISA

0.2 μg of Human FGL1, His Tagged protein per well

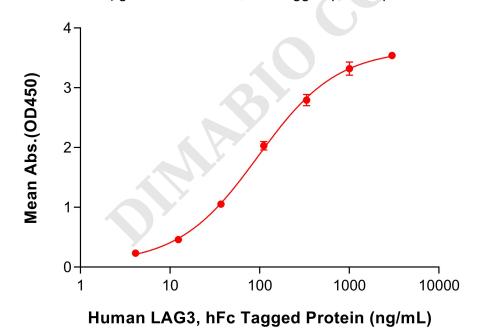


Figure 2. ELISA plate pre-coated by 2 μ g/mL (100 μ L/well) Human FGL1 Protein, His Tag (PME101159) can bind Human LAG3 Protein, hFc Tag (PME100513) in a linear range of 80–200 ng/mL.

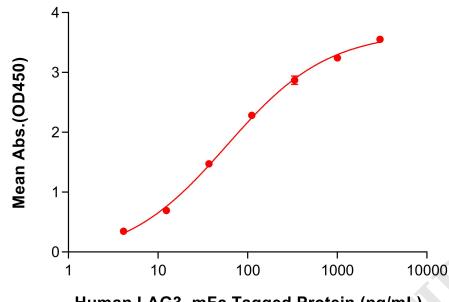
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Human FGL1 Protein, His Tag ELISA

0.2 μg of Human FGL1, His Tagged protein per well



Human LAG3, mFc Tagged Protein (ng/mL)

Figure 3. ELISA plate pre-coated by 2 μ g/mL (100 μ 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.

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