## PRODUCT INFORMATION

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|---|---|
| **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. |
| **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 |

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Address: Wuhan institute of Biotechnology B7, Biolake No.666 Gaoxin Road, Wuhan, Hubei, China
Telephone: +1 2409940618(USA)
/+86-18062749453(China)
/+86-400-006-0995(China)

Email: info@dimabio.com
Website: www.dimabio.com

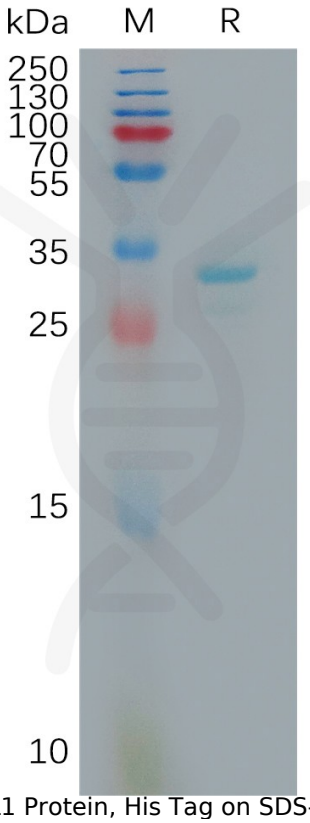



Figure 1. Human FGL1 Protein, His Tag on SDS-PAGE under reducing condition.

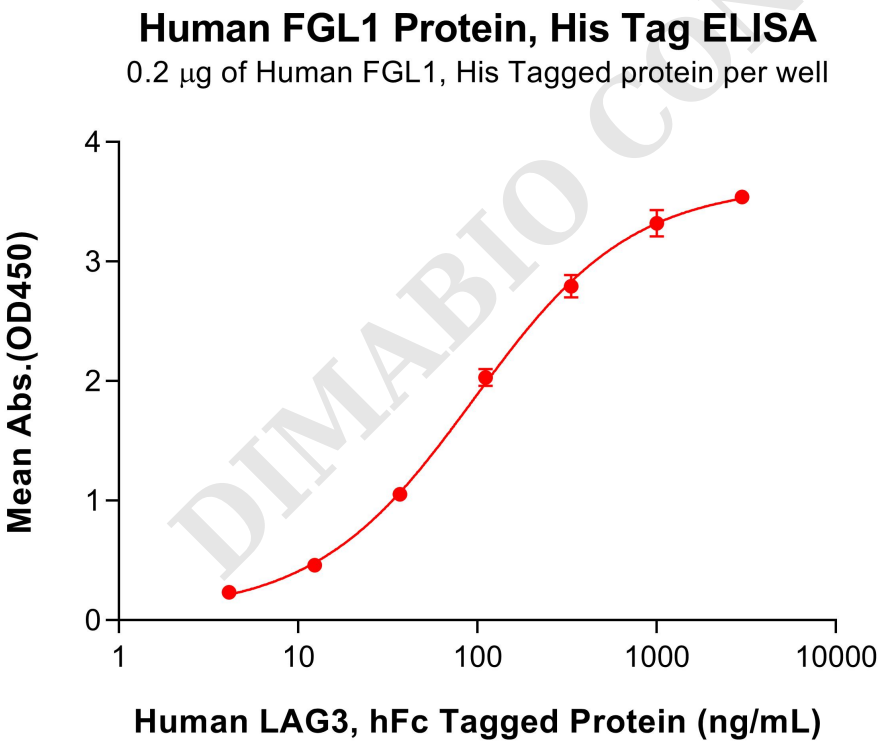



Figure 2. ELISA plate pre-coated by 2 μg/mL (100 μL/well) Human FGL1 Protein, His Tag (PME101159) can bind Human LAG3 Protein, hFc Tag (PME100513) in a linear range of 80–200 ng/mL.

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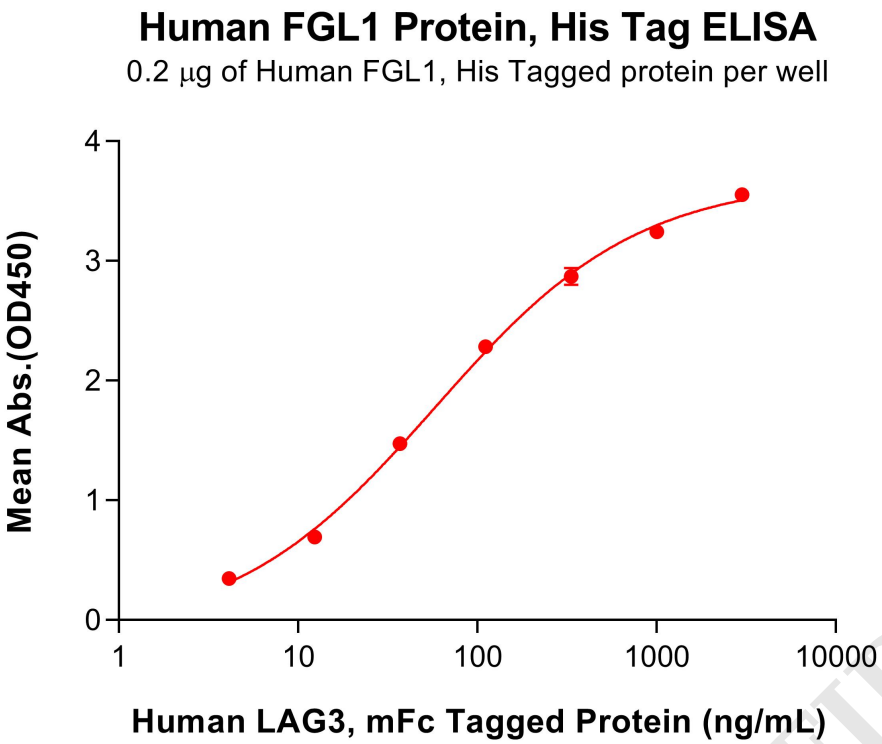



Figure 3. ELISA plate pre-coated by 2 μg/mL (100 μL/well) Human FGL1 Protein, His Tag (PME101159) can bind Human LAG3 Protein, mFc Tag (PME101844) in a linear range of 80–200 ng/mL.

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