Recombinant Human FGL2 protein, His-Avi,Flag-tagged

Cat. No. FGL2-1585H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human FGL2 protein(Q14314)(Val205-Pro439), fused with N-terminal His and Avi tag and N-terminal Flag tag, was expressed in HEK293.
Species	Human
Source	N-His-Avi,N-Flag
ProteinLength	Val205-Pro439
Tag	N-His-Avi,N-Flag
Form	Lyophilized from 0.22μm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Human FGL2, His Tag at 0.5μg/ml (100μl/well) on the plate. Dose response curve for Anti-FGL2 Antibody, hFc Tag with the EC50 of 14ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 31.2 kDa. Due to glycosylation, the protein migrates to 38-45 kDa based on Tris-Bis PAGE result.
Endotoxin	Less than 1EU per μg by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE; > 90% as determined by HPLC.

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Storage	Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week. Use a manual defrost freezer and avoid repeated freeze-thaw cycles.
Reconstitution	Centrifuge tubes before opening. Reconstituting to a concentration more than 100 μg/ml is recommended. Dissolve the lyophilized protein in distilled water.

GENE INFORMATION

Gene Name	FGL2 fibrinogen-like 2 [Homo sapiens]
Official Symbol	FGL2
Synonyms	FGL2; fibrinogen-like 2; fibroleukin; pT49; T49; fibrinogen-like protein 2;
Gene ID	10875
mRNA Refseq	NM_006682
Protein Refseq	NP_006673
MIM	605351
UniProt ID	Q14314

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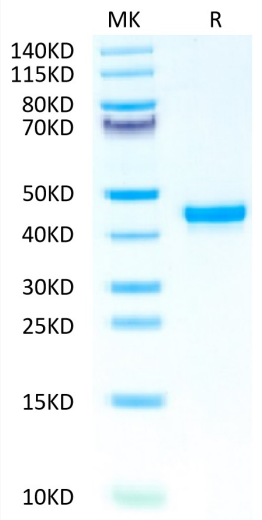
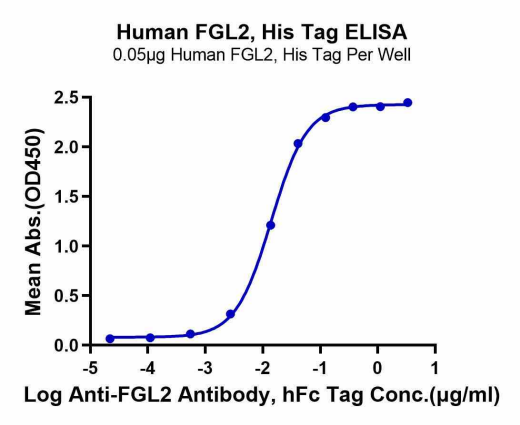
Tris-Bis PAGE	
ELISA	

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