

[Go to Product page](#)

Datasheet for ABIN7454115

FGL2 Protein (AA 205-439) (Fc-DYKDDDDK Tag)

Overview

Quantity:	100 µg
Target:	FGL2
Protein Characteristics:	AA 205-439
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This FGL2 protein is labelled with Fc-DYKDDDDK Tag.

Product Details

Purpose:	Human FGL2 Protein
Sequence:	Val205-Pro439
Characteristics:	Recombinant Human FGL2 Protein is expressed from HEK293 with hFc tag and Flag tag at the N-Terminus.It contains Val205-Pro439.
Purity:	> 90 % as determined by Tris-Bis PAGE,> 90 % as determined by HPLC
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.
Biological Activity Comment:	Immobilized Human FGL2, hFc Tag at 1µg/ml (100µl/Well) on the plate. Dose response curve for Biotinylated Anti-FGL2 Antibody, hFc Tag with the EC50 of 34.3ng/ml determined by ELISA. See testing image for detail.

Target Details

Target:	FGL2
Alternative Name:	FGL2 (FGL2 Products)
Background:	Fibrinogen-like protein 2 (FGL2) is a member of the fibrinogen-like protein family and possesses important regulatory functions in both innate and adaptive immune responses. FGL2 is overexpressed in glioma, and its expression level is negatively associated with the prognosis of glioma patients.
Molecular Weight:	54.73 kDa. Due to glycosylation, the protein migrates to 60-70 kDa based on Tris-Bis PAGE result.
UniProt:	Q14314

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Reconstitution:	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/mL is recommended. Dissolve the lyophilized protein in distilled water.
Buffer:	Lyophilized from 0.22µm filtered solution in PBS, 200 mM Arginine (pH 7.4). Normally 8 % trehalose is added as protectant before lyophilization.
Storage:	-20 °C,-80 °C
Storage Comment:	-20 to -80°C for 12 months as supplied from date of receipt.,-80°C for 3-6 months after reconstitution.,2-8°C for 2-7 days after reconstitution.,Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Expiry Date:	12 months