

**Synonym**

FGL2, Fibroleukin, Pt49

**Source**

Human FGL2 (204-439) Protein, His Tag (FG2-H5243) is expressed from human 293 cells (HEK293). It contains AA Pro 204 - Pro 439 (Accession # [Q14314-1](#)).

**Molecular Characterization**

Poly-his FGL2(Pro 204 - Pro 439)  
Q14314-1

This protein carries a polyhistidine tag at the N-terminus

The protein has a calculated MW of 29.6 kDa. The protein migrates as 36-41 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.

**Endotoxin**

Less than 1.0 EU per µg by the LAL method.

**Purity**

>90% as determined by SDS-PAGE.

**Formulation**

Lyophilized from 0.22 µm filtered solution in PBS, pH7.4 with trehalose as protectant.

Contact us for customized product form or formulation.

**Reconstitution**

Please see Certificate of Analysis for specific instructions.

*For best performance, we strongly recommend you to follow the reconstitution protocol provided in the CoA.*

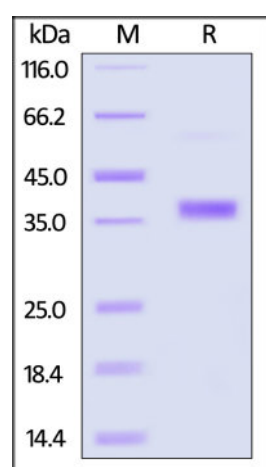
**Storage**

For long term storage, the product should be stored at lyophilized state at -20°C or lower.

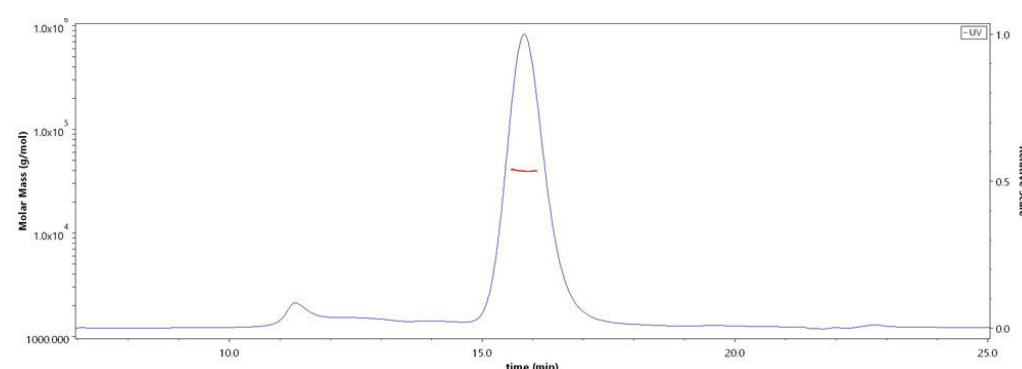
*Please avoid repeated freeze-thaw cycles.*

This product is stable after storage at:

- -20°C to -70°C for 12 months in lyophilized state;
- -70°C for 3 months under sterile conditions after reconstitution.

**SDS-PAGE**

Human FGL2 (204-439) Protein, His Tag on SDS-PAGE under reducing (R) condition. The gel was stained overnight with Coomassie Blue. The purity of the protein is greater than 90%.

**SEC-MALS**

The purity of Human FGL2 (204-439) Protein, His Tag (Cat. No. FG2-H5243) is more than 85% and the molecular weight of this protein is around 35-45 kDa verified by SEC-MALS.

[Report](#)

**Background**

Fibrinogen-like protein 2, also known as FGL2 is a protein that exhibits pleiotropic effects within the body and is an important immune regulator of both innate and adaptive responses.[7] The protein exists as both a Type II transmembrane protein (with the carboxy terminus on the extracellular side of the plasma membrane) found on the surface of macrophages and endothelial cells and can be constitutively secreted by both CD4+ and CD8+ T cells.

**Clinical and Translational Updates**

Please contact us via [TechSupport@acrobiosystems.com](mailto:TechSupport@acrobiosystems.com) if you have any question on this product.