

### Synonym

Delta3,delta-like 3 (Drosophila),delta-like protein  
3,DLL3,Pudgy,SCDO1,SCDO1delta3

### Source

Human DLL3, Fc Tag(DL3-H5255) is expressed from human 293 cells (HEK293). It contains AA Ala 27 - Leu 492 (Accession # [Q9NYJ7-1](#) ). Predicted N-terminus: Ala 27

### Molecular Characterization

DLL3(Ala 27 - Leu 492) Q9NYJ7-1	Fc(Pro 100 - Lys 330) P01857
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This protein carries a human IgG1 Fc tag at the C-terminus

The protein has a calculated MW of 75.0 kDa. The protein migrates as 60-65 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 Tris with Glycine, Arginine and NaCl, pH7.5 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

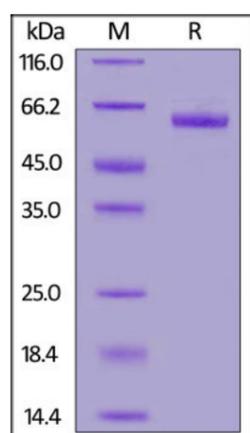
For long term storage, the product should be stored at lyophilized state at -20°C or lower.

*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.

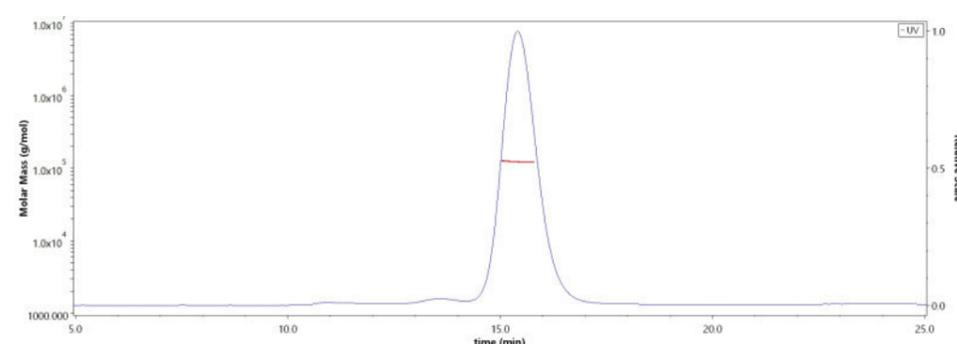
### SDS-PAGE



Human DLL3, Fc 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%.

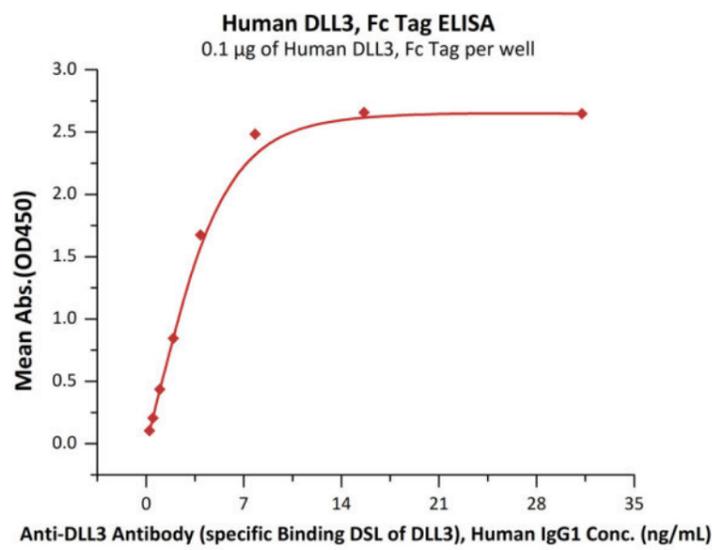
### Bioactivity-ELISA

### SEC-MALS



The purity of Human DLL3, Fc Tag (Cat. No. DL3-H5255) is more than 85% and the molecular weight of this protein is around 115-135 kDa verified by SEC-MALS.

[Report](#)



Immobilized Human DLL3, Fc Tag (Cat. No. DL3-H5255) at 1 µg/mL (100 µL/well) can bind Anti-DLL3 Antibody (specific Binding DSL of DLL3), Human IgG1 with a linear range of 0.2-4 ng/mL (QC tested).

### Background

Delta-like protein 3 (DLL3) is a transmembrane protein that belongs to the Delta/Serrate/Lag-2 (DSL) family of Notch ligands. May be required to divert neurons along a specific differentiation pathway. Plays a role in the formation of somite boundaries during segmentation of the paraxial mesoderm. DLL3 protein is expressed on the surface of tumor cells but not in normal adult tissues.

### Clinical and Translational Updates

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