

**Synonym**

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

**Source**

Human DLL3 (176-492) , His Tag(DL3-H52Hy) is expressed from human 293 cells (HEK293). It contains AA Ala 176 - Leu 492 (Accession # [Q9NYJ7-1](#)).  
Predicted N-terminus: Ala 176

**Molecular Characterization**

DLL3(Ala 176 - Leu 492)  
Q9NYJ7-1 Poly-his

This protein carries a polyhistidine tag at the C-terminus

The protein has a calculated MW of 34.4 kDa. The protein migrates as 38-42 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.

**Endotoxin**

Less than 1.0 EU per µg by the LAL method.

**Purity**

>95% as determined by SDS-PAGE.

**Formulation**

Supplied as 0.2 µm filtered solution in PBS, pH7.4.

Contact us for customized product form or formulation.

**Shipping**

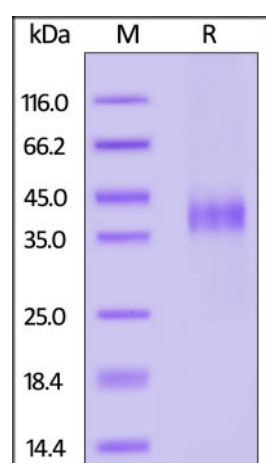
*This product is supplied and shipped as sterile liquid solution with dry ice, please inquire the shipping cost.*

**Storage**

*Please avoid repeated freeze-thaw cycles.*

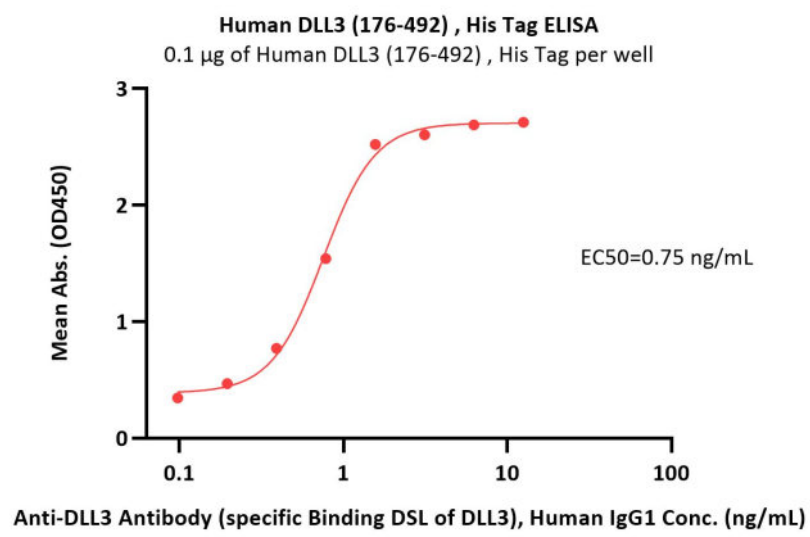
This product is stable after storage at:

- The product MUST be stored at -70°C or lower upon receipt;
- -70°C for 3 months under sterile conditions.

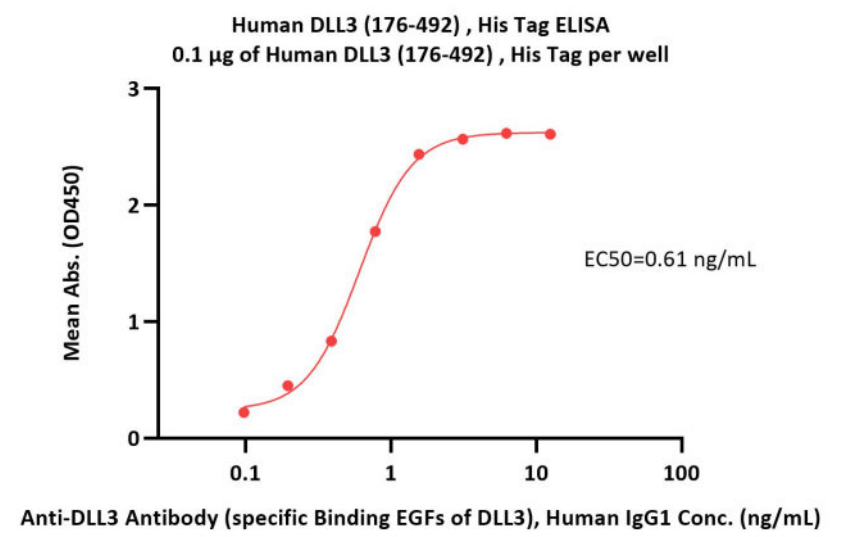
**SDS-PAGE**

Human DLL3 (176-492) , His Tag on SDS-PAGE under reducing (R) condition. The gel was stained with Coomassie Blue. The purity of the protein is greater than 95%.

**Bioactivity-ELISA**



Immobilized Human DLL3 (176-492) , His Tag (Cat. No. DL3-H52Hy) at 1 µg/mL (100 µL/well) can bind Anti-DLL3 Antibody (specific Binding DSL of DLL3), Human IgG1 with a linear range of 0.1-2 ng/mL (QC tested).



Immobilized Human DLL3 (176-492) , His Tag (Cat. No. DL3-H52Hy) at 1 µg/mL (100 µL/well) can bind Anti-DLL3 Antibody (specific Binding EGFs of DLL3), Human IgG1 with a linear range of 0.1-2 ng/mL (Routinely 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.