Human DLL3 (353-492) Protein, His Tag

Catalog # DL3-H52Ha

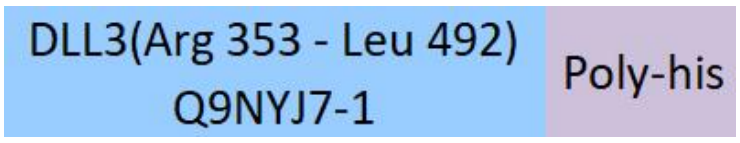
Synonym

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

Source

Human DLL3 (353-492) , His Tag(DL3-H52Ha) is expressed from human 293 cells (HEK293). It contains AA Arg 353 - Leu 492 (Accession # Q9NYJ7-1). Predicted N-terminus: Arg 353

Molecular Characterization



This protein carries a polyhistidine tag at the C-terminus.

The protein has a calculated MW of 16.4 kDa. The protein migrates as 18 kDa and 19-21 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.

Endotoxin

Less than 1.0 EU per μg by the LAL method / rFC method.

Purity

>90% as determined by SDS-PAGE.

Formulation

Supplied as 0.2 μm filtered solution in PBS, 0.5 M Arginine, pH7.4.

Contact us for customized product form or formulation.

Shipping

This product is supplied and shipped with dry ice, please inquire the shipping cost.

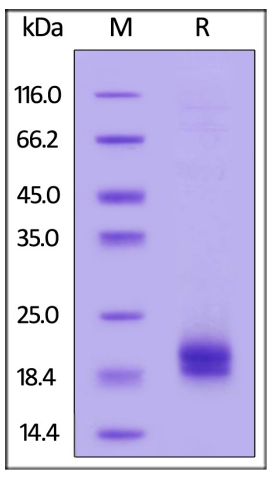
Storage

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 (353-492) , His Tag on SDS-PAGE under reducing (R) condition. The gel was stained with Coomassie Blue. The purity of the protein is greater than 90%.

Bioactivity-ELISA

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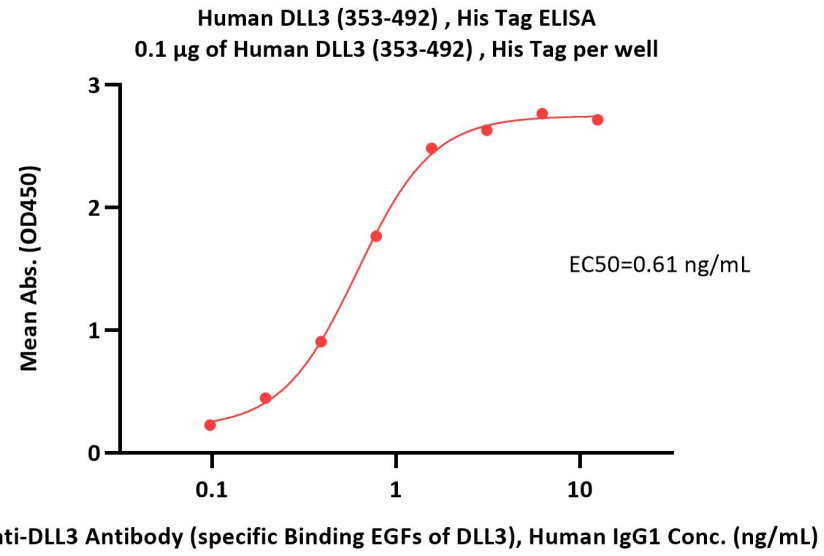

Immobilized Human DLL3 (353-492) , His Tag (Cat. No. DL3-H52Ha) at 1 μg/mL (100 μL/well) can bind Anti-DLL3 Antibody (specific Binding EGFs of DLL3), Human IgG1 with a linear range of 0.1-2 ng/mL (QC tested).

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.