

Synonym

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

Source

Mouse DLL3, His Tag (DL3-M52H3) is expressed from human 293 cells (HEK293). It contains AA Ala 25 - Arg 488 (Accession # [O88516-1](#)).

Molecular Characterization

<p>DLL3(Ala 25 - Arg 488) O88516-1</p>	<p>Poly-his</p>
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This protein carries a polyhistidine tag at the C-terminus.

The protein has a calculated MW of 50.5 kDa. The protein migrates as 60-65 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.

Endotoxin

Less than 0.1 EU per µg by the LAL method.

Purity

>90% as determined by SDS-PAGE.

>90% as determined by SEC-MALS.

Formulation

Lyophilized from 0.22 µm filtered solution in PBS, pH7.4. Normally trehalose is added as protectant before lyophilization.

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

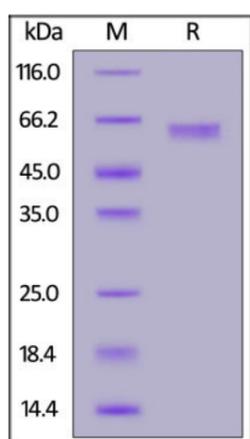
For long term storage, the product should be stored at lyophilized state at -20°C or lower.

Please avoid repeated freeze-thaw cycles.

This product is stable after storage at:

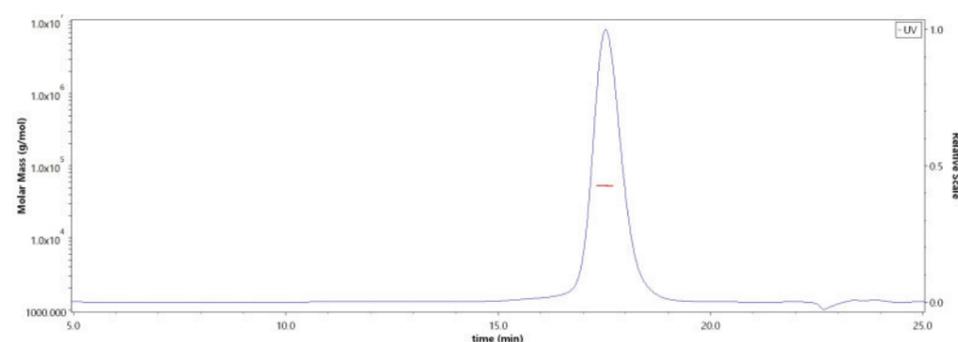
- -20°C to -70°C for 12 months in lyophilized state;
- -70°C for 3 months under sterile conditions after reconstitution.

SDS-PAGE



Mouse DLL3, 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 Mouse DLL3, His Tag (Cat. No. DL3-M52H3) was more than 90% and the molecular weight of this protein is around 47-57 kDa verified by SEC-MALS.

[Report](#)

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 if you have any question on this product.