

Biotinylated Human DLL3 Domain (311-479) Protein

Cat. No. DLL-HM4D1B

Description

Source	Recombinant Biotinylated Human DLL3 Domain (311-479) Protein is expressed from HEK293 with His tag and Avi tag at the C-Terminus. It contains Val311-Ala479.
Accession	Q9NYJ7-1
Molecular Weight	The protein has a predicted MW of 21.20 kDa. Due to glycosylation, the protein migrates to 25-30 kDa based on Tris-Bis PAGE result.
Endotoxin	Less than 1EU per µg by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE > 95% as determined by HPLC

Formulation and Storage

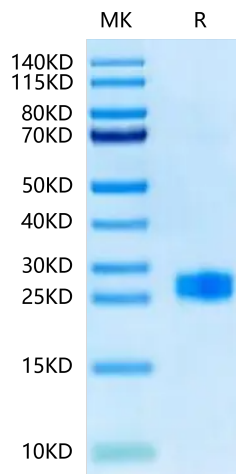
Formulation	Lyophilized from 0.22 µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Reconstitution	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.
Storage	-20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3-6 months after reconstitution. 2-8°C for 2-7 days after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Background

Delta-like protein 3 (DLL3) is a transmembrane protein that belongs to the Delta/Serrate/Lag-2 (DSL) family of Notch ligands. DLL3 inhibits primary neurogenesis. 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 (By similarity).

Assay Data

Tris-Bis PAGE



Biotinylated Human DLL3 Domain (311-479) on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.

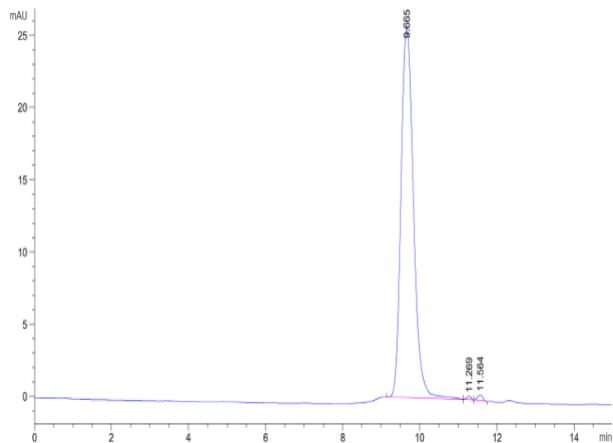
SEC-HPLC

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Assay Data



The purity of Biotinylated Human DLL3 Domain (311-479) is greater than 95% as determined by SEC-HPLC.

Biotinylated Human DLL3 Domain (311-479) Protein

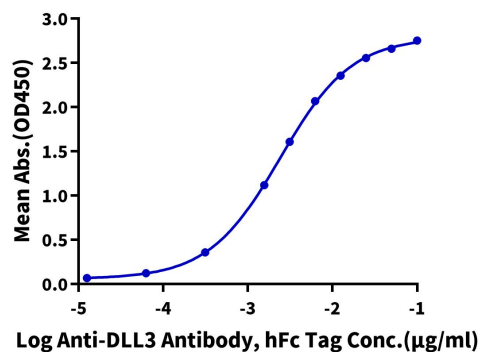
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Assay Data

ELISA Data

Biotinylated Human DLL3 Domain(311-479), His Tag ELISA

0.05µg Biotinylated Human DLL3 Domain(311-479), His Tag Per Well



Immobilized Biotinylated Human DLL3 Domain (311-479), His Tag at 0.5µg/ml (100µl/well) on the streptavidin precoated plate (5µg/ml). Dose response curve for Anti-DLL3 Antibody, hFc Tag with the EC50 of 2.4ng/ml determined by ELISA.