Biotinylated Human DLL3 Protein (Primary Amine Labeling)

Cat. No. DLL-HM103B

Description

Source	Recombinant Biotinylated Human DLL3 Protein (Primary Amine Labeling) is expressed from HEK293 with His tag at the N-Terminus
	It contains Ala27-Arg490.
Accession	Q9NYJ7-1
Molecular Weight	The protein has a predicted MW of 50.4 kDa. Due to glycosylation, the protein migrates to 52-60 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 1 EU per ug by the LAL method.
Purity	>95% as determined by Bis-Tris PAGE

Formulation and Storage

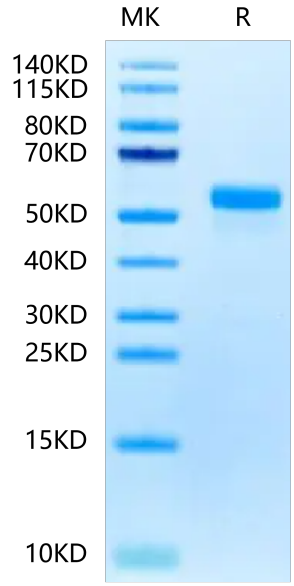
Formulation	Lyophilized from 0.22 μm filtered solution in PBS, 200 mM L-Arginine (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Reconstitution	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 μg/ml is recommended. Dissolve the lyophilized protein in distilled water.
Storage	-20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3 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

Bis-Tris PAGE



Biotinylated Human DLL3 on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.

ELISA Data

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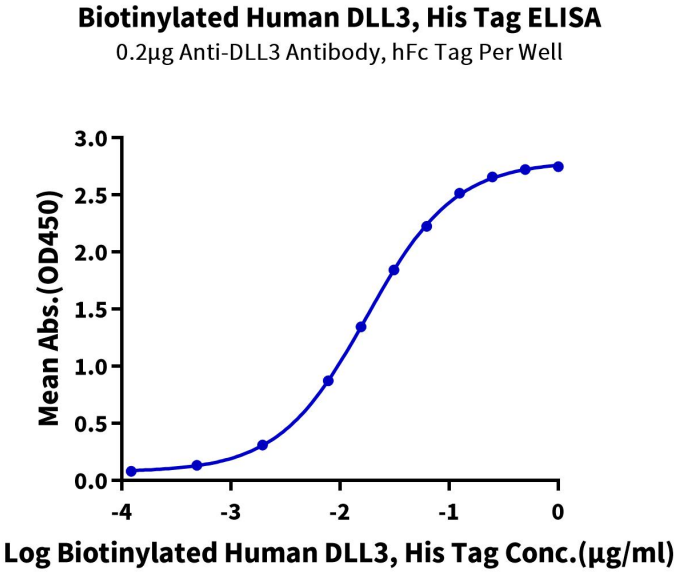
Assay Data



Immobilized Anti-DLL3 Antibody, hFc Tag at 2 μg/ml (100 μl/Well) on the plate. Dose response curve for Biotinylated Human DLL3, His Tag with the EC50 of 17.5 ng/ml determined by ELISA.