

Cynomolgus DLL3 Protein, Ultra Low Endotoxin

Cat. No. DLL-CM113-UL

Description

Source	Recombinant Cynomolgus DLL3 Protein is expressed from HEK293 with His tag at the C-terminus. It contains Ala27-Arg488.
Accession	A0A2K5WSR1
Molecular Weight	The protein has a predicted MW of 49.21 kDa. Due to glycosylation, the protein migrates to 50-60 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 0.01 EU per μ g by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE > 90% as determined by HPLC

Formulation and Storage

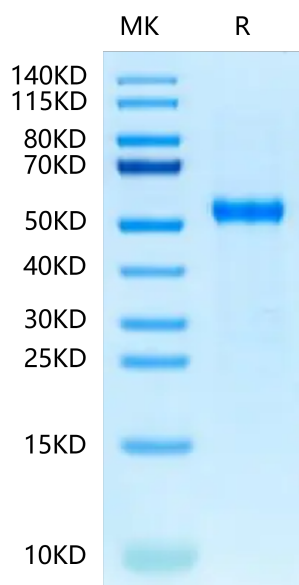
Formulation	Lyophilized from 0.22 μ m filtered solution in 20 mM Tris, 200 mM NaCl, 200 mM L-arginine (pH 8.5). Normally 8% mannitol is added as protectant before lyophilization.
Reconstitution	Dissolve the lyophilized protein in distilled water. Please refer to the Certificate of Analysis for detailed instructions.
Storage	-20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3 months 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

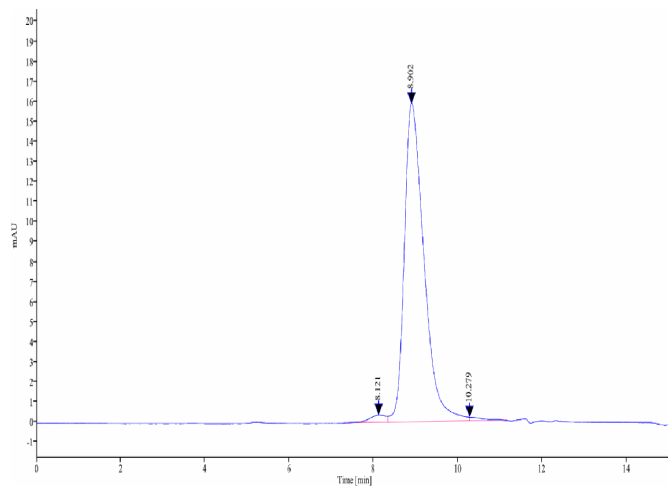
Bis-Tris PAGE



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

SEC-HPLC

Assay Data

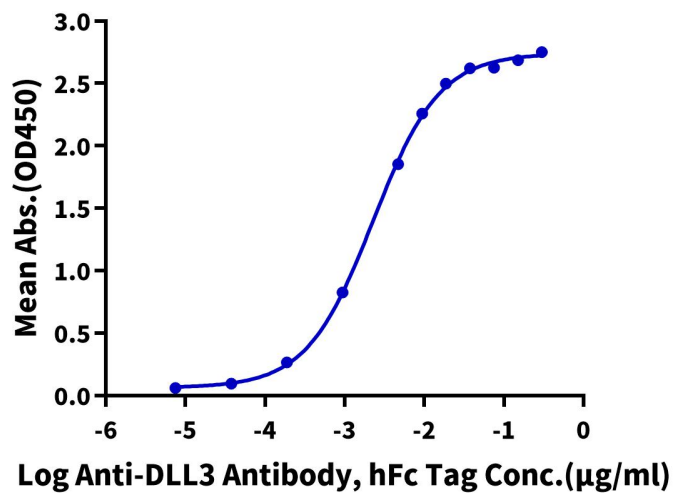


The purity of Cynomolgus DLL3 is greater than 90% as determined by SEC-HPLC.

ELISA Data

Cynomolgus DLL3, His Tag ELISA

0.1 µg Cynomolgus DLL3, His Tag Per Well



Immobilized Cynomolgus DLL3, His Tag at 1 µg/ml (100 µl/well) on the plate. Dose response curve for Anti-DLL3 Antibody, hFc Tag with the EC50 of 2.3 ng/ml determined by ELISA (QC Test).