

Human DLL3 Protein

Cat. No. DLL-HM603

Description

Source	Recombinant Human DLL3 Protein is expressed from HEK293 with Llma IgG2b Fc tag at the C-terminus. It contains Ala27-Arg490.
Accession	Q9NYJ7-1
Molecular Weight	The protein has a predicted MW of 75.56 kDa. Due to glycosylation, the protein migrates to 80-100 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 1 EU per μg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE > 90% as determined by HPLC

Formulation and Storage

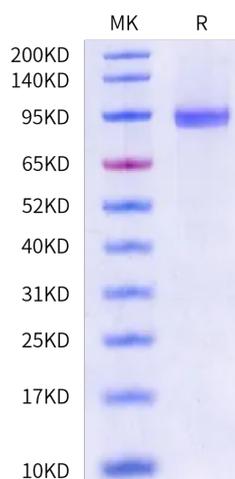
Formulation	Supplied as 0.22 μm filtered solution in PBS, 200mM L-arginine (pH 7.4).
Storage	Valid for 12 months from date of receipt when stored at -80°C . Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

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 and may be required to divert neurons along a specific differentiation pathway. It plays a role in the formation of somite boundaries during segmentation of the paraxial mesoderm.

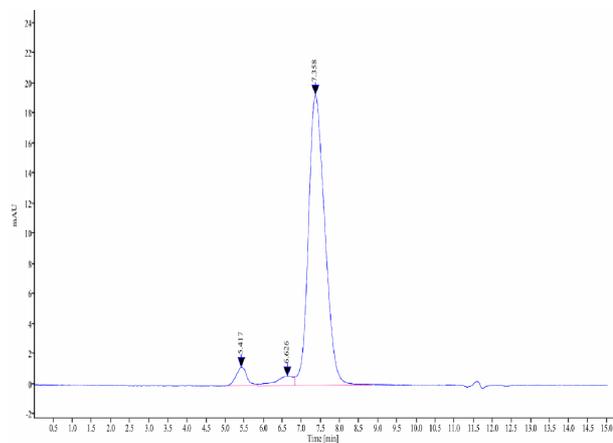
Assay Data

Bis-Tris PAGE



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

SEC-HPLC



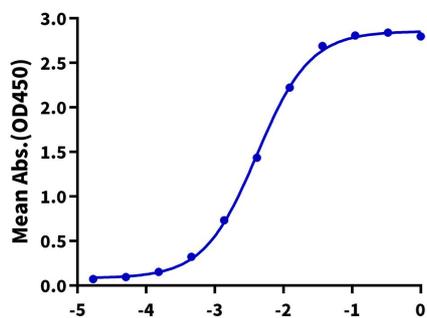
The purity of Human DLL3 is greater than 90% as determined by SEC-HPLC.

Assay Data

ELISA Data

Human DLL3, Llama IgG2b Fc Tag ELISA

0.05µg Human DLL3, Llama IgG2b Fc Tag Per Well



Immobilized Human DLL3, Llama IgG2b Fc Tag at 0.5µg/ml (100µl/well) on the plate. Dose response curve for Biotinylated Anti-DLL3 Antibody, hFc Tag with the EC50 of 4.1ng/ml determined by ELISA.

Log Biotinylated Anti-DLL3 Antibody, hFc Tag Conc.(µg/ml)