

Human DLL3 Domain (352-479) Protein

Cat. No. DLL-HM4D2

Description

Source	Recombinant Human DLL3 Domain (352-479) Protein is expressed from HEK293 with His tag and Avi tag at the C-terminus It contains Lys352-Ala479.
Accession	Q9NYJ7-1
Molecular Weight	The protein has a predicted MW of 17.30 kDa. Due to glycosylation, the protein migrates to 20-25 kDa based on Tris-Bis PAGE result.
Endotoxin	Less than 1 EU per µg by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE

Formulation and Storage

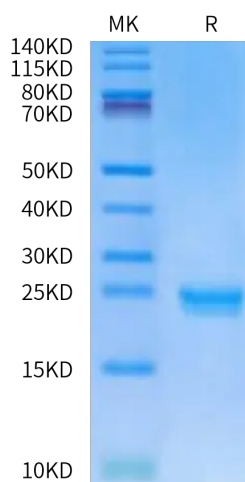
Formulation	Lyophilized from 0.22 µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Reconstitution	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled 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



Human DLL3 Domain (352-479) on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.