Human DLL3 (27-215) Protein

Cat. No. DLL-HM13D

Description

Source	Recombinant Human DLL3 (27-215) Protein is expressed from HEK293 with His tag and Flag tag at the N-Terminus.
	It contains Ala27-Glu215.
Accession	Q9NYJ7-1
Molecular Weight	The protein has a predicted MW of 22.30 kDa. Due to glycosylation, the protein migrates to 24-25 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 1EU per μg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE
	> 95% as determined by HPLC

Formulation and Storage

Formulation	Supplied as 0.22μm filtered solution in PBS, 360mM NaCl, 200mM L-arginine (pH 8.0).
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. 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

Human DLL3 (27-215) on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.

SEC-HPLC

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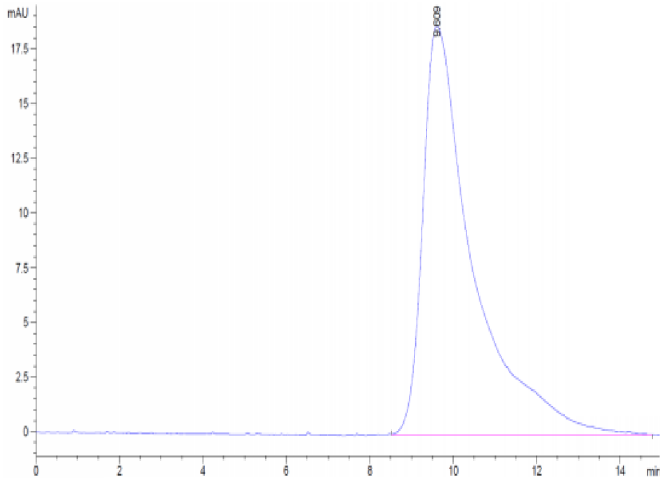
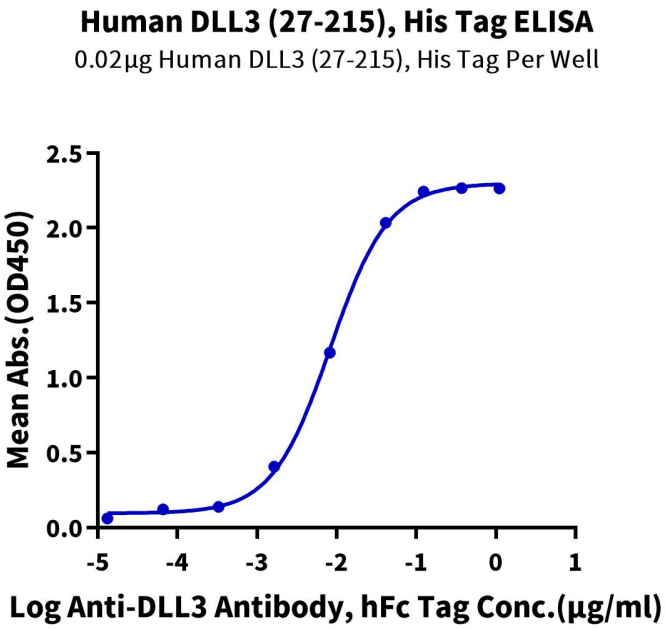
Assay Data



The purity of Human DLL3 (27-215) is greater than 95% as determined by SEC-HPLC.

ELISA Data



Immobilized Human DLL3 (27-215) , His Tag at 0.2μg/ml (100μl/Well) on the plate. Dose response curve for Anti-DLL3 Antibody, hFc Tag with the EC50 of 8.3ng/ml determined by ELISA.