Recombinant Human DLL3 Protein

Catalog No.: RP02041

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Sequence Information

Species
Human

Gene ID
10683

Swiss Prot
Q9NYJ7

Tags
N-His

Synonyms
Delta-like protein 3; SCDO1; DLL3

Product Information

Source
HEK293 cells

Purification
≥ 95 % as determined by SDS-PAGE.

Calculated MW
50.4 kDa

Observed MW
55-60 kDa

Endotoxin
< 0.1 EU/μg of the protein by LAL method.

Formulation
Lyophilized from a 0.22 μm filtered solution of PBS, 200 mM Arginine, pH 7.4. Contact us for customized product form or formulation.

Reconstitution
Centrifuge the tube before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stablizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

Background

Delta-like 3 (Drosophila), also known as DLL3, is a protein which in humans is encoded by the DLL3 gene.Two transcript variants encoding distinct isoforms have been identified for this gene.Mutations in this gene cause the autosomal recessive genetic disorder Jarcho-Levin syndrome.Expression of the gene occurs in Neuroendocrine tumors, which has been targeted as a potential pathway for treatment.

Basic Information

Description
Recombinant Human CD40L/CD154 Protein is produced by HEK293 expression system. The target protein is expressed with sequence (Ala27-Arg491) of human DLL3 (Accession #Q9NYJ7) fused with His at the N-terminus.

Activity
Immobilized human DLL3 at 0.1 μg/mL (100 μL/well), dose response curve for Anti-Human DLL3 Ab with the EC_{50} of 10.53 ng/mL determined by ELISA.

Shipping
Lyophilized proteins are shipped at ambient temperature.
Liquid proteins are shipped at frozen temperature with dry ice.
Upon receipt, store it immediately at the temperature recommended below.

Storage
Store at -20℃

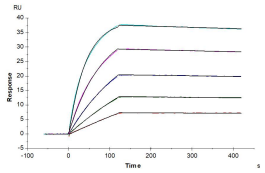
Operational Notes
For your safety and health, please wear a lab coat and disposable gloves for handling.

Contact

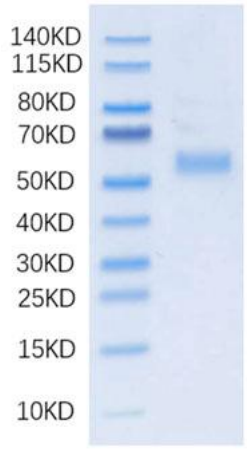
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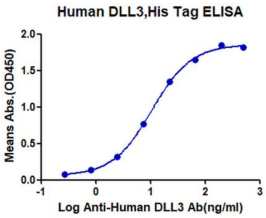
Validation Data



Anti-DLL3 Antibody captured on CM5 Chip via Protein A can bind Human DLL3, His Tag with an affinity constant of 0.22 nM as determined in SPR assay (Biacore T200).



Recombinant Human DLL3 Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.



Immobilized human DLL3, His Tag at 0.1μg/mL (100 μL/well), dose response curve for Anti-Human DLL3 Ab with the EC_{50} of 10.53ng/mL determined by ELISA.