

RP02041B

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Biotinylated Recombinant Human DLL3 Protein

Catalog No.: RP02041B

Recombinant

Sequence Information

Species	Gene ID	Swiss Prot
HEK293 cells	10683	Q9NYJ7-1

Tags

N-His

Synonyms

Delta-like protein 3; SCDO1; DLL3

Product Information

Source

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 stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

Purification

> 90% as determined by HPLC

Endotoxin

< 1 EU/μg of the protein by LAL method.

Formulation

Lyophilized from 0.22 μm filtered solution in PBS, 200 mM L-Arginine (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.

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

Biotinylated 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.

Bio-Activity

Immobilized Biotinylated Human DLL3, His Tag at 0.5 μg/ml (100 μl/well) on the streptavidin precoated plate (5 μg/ml). Dose response curve for Anti-DLL3 Antibody, hFc Tag with the EC50 of 3.1 ng/ml determined by ELISA (QC Test).

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.

Operational Notes

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

Storage

Store at -20°C
Avoid repeated freeze/thaw cycles.

Reconstitution

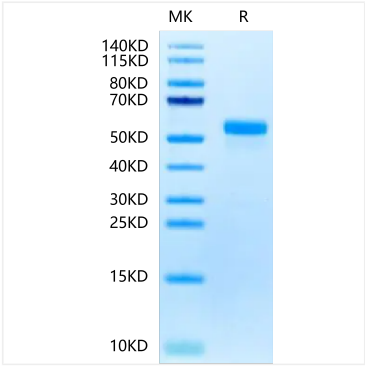
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Contact

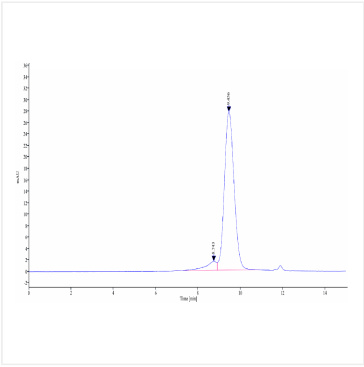


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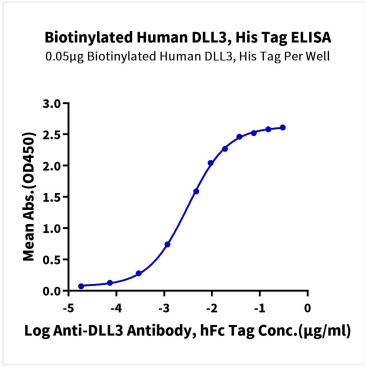
Validation Data



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



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



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