

RP02664

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Recombinant Mouse DLL3 Protein

Catalog No.: RP02664

Recombinant

Sequence Information

Species	Gene ID	Swiss Prot
Mouse		O88516-1

Tags

C-His

Synonyms

Delta3; DLL3; Pudgy; SCDO1;
SCDO1delta3

Product Information

Source

HEK293 cells

Purification

> 95% as
determined by Tris-
Bis PAGE > 95% as
determined by HPLC

Endotoxin

Less than 1EU per µg by the LAL method.

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

Basic Information

Description

Recombinant Mouse DLL3 Protein is expressed from Expi293 with His tag at the C-terminal. It contains Ala25-Arg488.

Bio-Activity

Storage

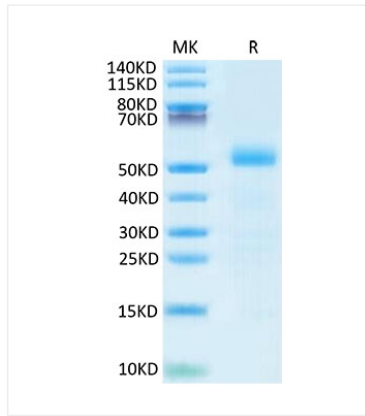
Store the lyophilized protein at -20°C to -80°C for long term. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week. Avoid repeated freeze/thaw cycles.

Contact

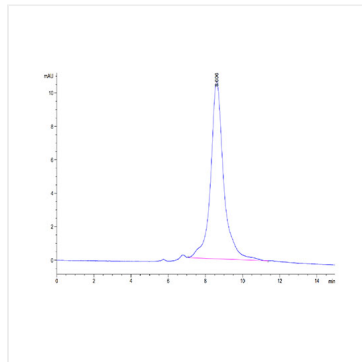


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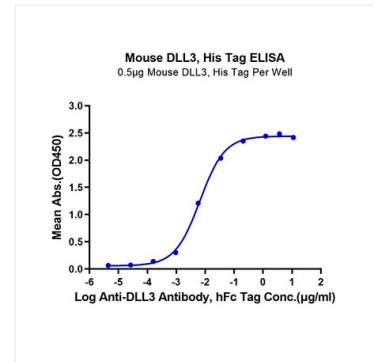
Validation Data



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



The purity of Mouse DLL3 is greater than 95% as determined by SEC-HPLC.



Immobilized Mouse DLL3, His Tag at 5μg/ml (100μl/well) on the plate. Dose response curve for Anti-DLL3 Antibody, hFc Tag with the EC_{50} of 6.5ng/ml determined by ELISA.