Recombinant Mouse DLL4 Protein

Catalog No.: RP01681

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Sequence Information

Species
Mouse

Gene ID
54485

Swiss Prot
Q9JI71

Tags
C-6His

Synonyms
Delta4; DLL4

Product Information

Source
HEK293 cells

Purification
≥ 95 % as determined by SDS-PAGE.

Calculated MW
55.92 kDa

Observed MW
70-75 kDa

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

Formulation
Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4.

Reconstitution
Centrifuge the vial 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 protein 4 (DLL4, Delta4), a type I membrane-bound Notch ligand, is one of five known Notch ligands in mammals and interacts predominantly with Notch 1, which has a key role in vascular development.

Basic Information

Description
Recombinant Mouse DLL4 Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Gly27-Ala532) of mouse DLL4 (Accession #NP_062327.2) fused with and a 6×His tag at the C-terminus.

Activity

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℃

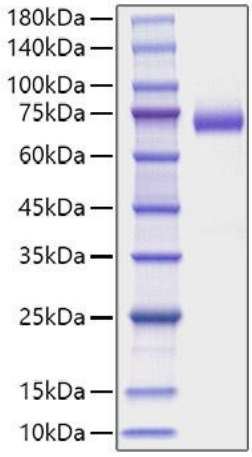
Operational Notes
For your safety and health, please wear a lab coat and disposable gloves for handling.

Contact

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Validation Data



Recombinant Mouse DLL4 Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.