

# Recombinant Mouse DLL3 Protein

**Catalog No.:** RP02664 **Recombinant**

## Sequence Information

Species	Gene ID	Swiss Prot
Mouse	13389	O88516-1

### Tags

C-His

### Synonyms

Delta3; DLL3; Pudgy; SCDO1;  
SCDO1delta3

## Product Information

Source	Purification
HEK293 cells	≥ 95 % as determined by Tris-Bis PAGE; ≥ 95 % as determined by HPLC.

Calculated MW	Observed MW
49.02 kDa	52-60 kDa

### Endotoxin

&lt; 1 EU/μg of the protein by LAL method.

### Formulation

Lyophilized from a 0.22 μm filtered solution of PBS, 200mM L-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 stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

## Contact

 | 400-999-6126 | [cn.market@abclonal.com.cn](mailto:cn.market@abclonal.com.cn)

## 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 produced by HEK293 cells expression system. The target protein is expressed with sequence (His33-Arg488) of mouse DLL3 (Accession #O88516-1.) fused with His tag at the C-Terminus.

### Bio-Activity

### Shipping

The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.

### Storage

Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt.

After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

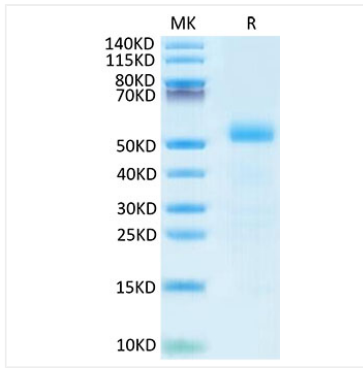
Avoid repeated freeze/thaw cycles.

### Operational Notes

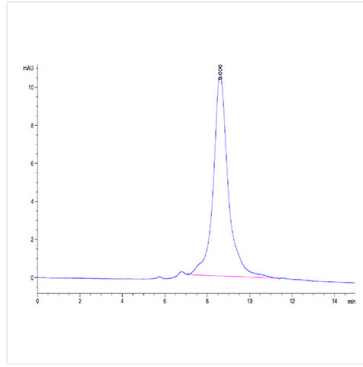
For your safety and health, please wear a lab coat and disposable gloves for handling.



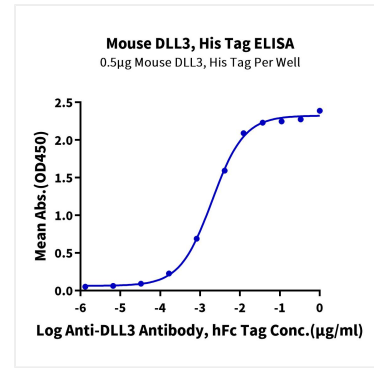
## Validation Data



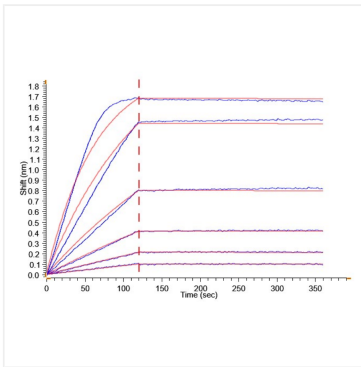
Recombinant Mouse DLL3 Protein was determined by Tris-Bis PAGE under reducing conditions.



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 EC50 of 2.0ng/ml determined by ELISA. (QC Test)



Loaded Anti-DLL3 Antibody, hFc Tag on ProA-Biosensor can bind Mouse DLL3, His Tag with an affinity constant of 0.11 nM as determined in BLI assay (Gator® Prime).