

# Rat DLL1 / Delta-like 1 (His Tag) recombinant protein



Catalog Number: 502918

## General Information

### Protein Construction

A DNA sequence encoding the rat DLL1 (EDL99825.1) extracellular domain (Met 1-Ser 534) was expressed, fused with a polyhistidine tag at the C-terminus.

### Organism

Rat

### Expression Host

Human Cells

## QC Testing

### Activity

Measured by its ability to bind human NOTCH1 in a functional ELISA.

### Purity

> 65 % as determined by SDS-PAGE

### Endotoxin

< 1.0 EU per  $\mu\text{g}$  of the protein as determined by the LAL method

### Stability

Samples are stable for up to twelve months from date of receipt at  $-70^{\circ}\text{C}$

### Predicted N terminal

Gln 18

### Molecular Mass

The recombinant rat DLL1 comprises 746 amino acids and has a predicted molecular mass of 81.7 kDa.

### Formulation

Lyophilized from sterile PBS, 20% glycerol, pH 7.4  
1. 5 % trehalose and mannitol are added as protectants before lyophilization.  
2. Please contact us for any concerns or special requirements.

## Usage Guide

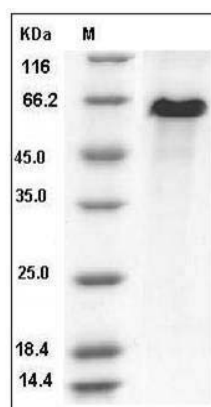
### Storage

Store it under sterile conditions at  $-20^{\circ}\text{C}$  to  $-80^{\circ}\text{C}$ . It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

### Reconstitution

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

### SDS-PAGE



Rat DLL1 / Delta-like Protein 1 Protein (His Tag)  
SDS-PAGE