# Cynomolgus DLL3 Protein

**Cat. No.** DLL-CM113

## Description

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|---|---|
| **Source** | Recombinant Cynomolgus DLL3 Protein is expressed from HEK293 with His tag at the C-terminus. |
| | It contains Ala27-Arg488. |
| **Accession** | A0A2K5WSR1 |
| **Molecular Weight** | The protein has a predicted MW of 49.21 kDa. Due to glycosylation, the protein migrates to 50-60 kDa based on Tris-Bis PAGE result. |
| **Endotoxin** | Less than 1EU per μg by the LAL method. |
| **Purity** | > 95% as determined by Tris-Bis PAGE |

## Formulation and Storage

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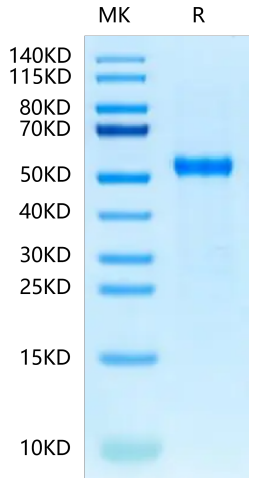
| **Formulation** | Lyophilized from 0.22 μm filtered solution in 20mM Tris, 200mM NaCl, 200mM L-arginine (pH 8.5). Normally 8% trehalose / 8% mannitol is added as protectant before lyophilization. |
| **Reconstitution** | Centrifuge the tube before opening. Reconstituting to a concentration more than 100 μg/ml is recommended. Dissolve the lyophilized protein in distilled water. |
| **Storage** | -20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3-6 months after reconstitution. 2-8°C for 2-7 days after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please 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).

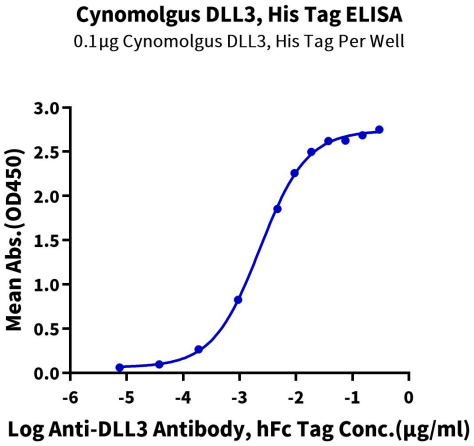
## Assay Data

### Tris-Bis PAGE




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

### ELISA Data




Immobilized Cynomolgus DLL3, His Tag at 1μg/ml (100μl/well) on the plate. Dose response curve for Anti-DLL3 Antibody, hFc Tag with the EC50 of 2.3ng/ml determined by ELISA.