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Datasheet for ABIN7274483

## DLL3 Protein (AA 27-490) (His tag,Biotin)

### 3 Images

#### Overview

Quantity:	100 µg
Target:	DLL3
Protein Characteristics:	AA 27-490
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This DLL3 protein is labelled with His tag,Biotin.

#### Product Details

Purpose:	Biotinylated Human DLL3 Protein (Primary Amine Labeling)
Sequence:	Ala27-Arg490
Characteristics:	Recombinant Biotinylated Human DLL3 Protein (Primary Amine Labeling) is expressed from HEK293 with His tag at the N-Terminus.It contains Ala27-Arg490.
Purity:	> 95 % as determined by Tris-Bis PAGE,> 95 % as determined by HPLC
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.
Biological Activity Comment:	Immobilized Anti-DLL3 Antibody, hFc Tag at 2µg/ml (100µl/Well) on the plate. Dose response curve for Biotinylated Human DLL3, His Tag with the EC50 of 41.4ng/ml determined by ELISA. See testing image for detail.

## Target Details

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Target:	DLL3
Alternative Name:	DLL3 ( <a href="#">DLL3 Products</a> )
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).
Molecular Weight:	50.4 kDa. Due to glycosylation, the protein migrates to 52-60 kDa based on Tris-Bis PAGE result.
Pathways:	<a href="#">Notch Signaling</a>

## Application Details

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Restrictions:	For Research Use only
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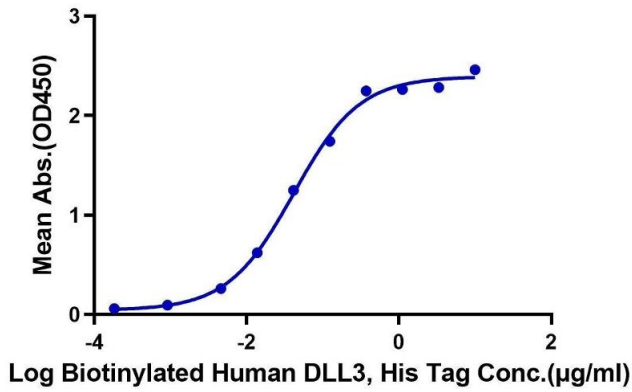
## Handling

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Format:	Lyophilized
Reconstitution:	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/mL is recommended. Dissolve the lyophilized protein in distilled water.
Buffer:	Lyophilized from 0.22µm filtered solution in PBS, 200 mM L-Arginine ( pH 7.4). Normally 8 % trehalose is added as protectant before lyophilization.
Storage:	-20 °C,-80 °C
Storage Comment:	-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.
Expiry Date:	12 months

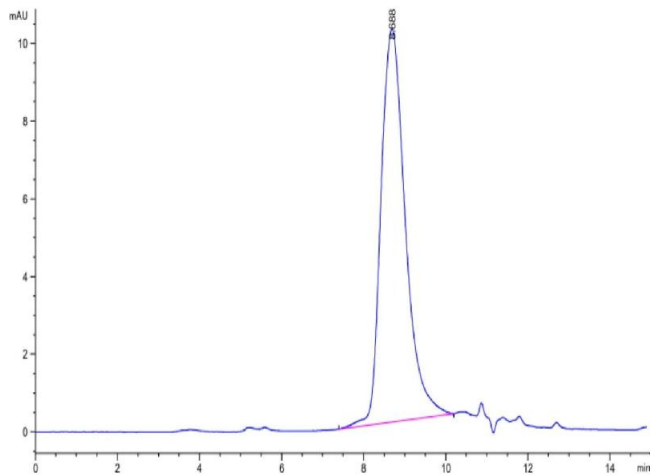
**Biotinylated Human DLL3, His Tag ELISA**

0.2µg Anti-DLL3 Antibody, hFc Tag Per Well



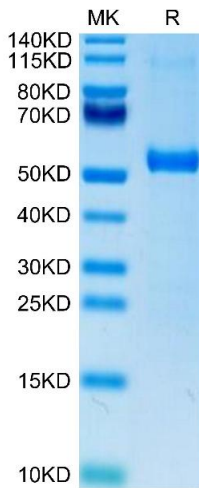
**ELISA**

**Image 1.** Immobilized Anti-DLL3 Antibody, hFc Tag at 2 µg/mL (100 µL/Well) on the plate. Dose response curve for Biotinylated Human DLL3, His Tag with the EC50 of 41.4 ng/mL determined by ELISA.



**Size-exclusion chromatography-High Pressure Liquid Chromatography**

**Image 2.** The purity of Biotinylated Human DLL3 is greater than 95 % as determined by SEC-HPLC.



**SDS-PAGE**

**Image 3.** Biotinylated Human DLL3 on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .