

Active Recombinant Human DLL1 protein, His-tagged, Low Endotoxin

Cat. No. DLL1-4387H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human DLL1 protein(NP_005609)(Gln18-Gly540), fused with C-terminal His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	18-540 aa
Form	Lyophilized from 0.22µm filtered solution in 50mM Tris, 150mM NaCl (pH 7.5). Normally 8% trehalose is added as protectant before lyophilization.
Bio-activity	Biotinylated Human Notch 1, His-Avi Tag immobilized on CM5 Chip can bind Human DLL1, His Tag with an affinity constant of 7.33 µM as determined in SPR assay (Biacore S200).
Molecular Mass	The protein has a predicted MW of 57.6 kDa. Due to glycosylation, the protein migrates to 60-70 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 0.01 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE; > 95% as determined by HPLC
Storage	Store at -20 to -80°C for 24 months as supplied from date of receipt. -80°C for 3

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months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Reconstitution Dissolve the lyophilized protein in distilled water.

GENE INFORMATION

Gene Name [DLL1 delta-like 1 \(Drosophila\) \[Homo sapiens \]](#)

Official Symbol [DLL1](#)

Synonyms DLL1; delta-like 1 (Drosophila); delta (Drosophila) like 1; delta-like protein 1; H-Delta-1; drosophila Delta homolog 1; DL1; Delta; DELTA1;

Gene ID [28514](#)

mRNA Refseq [NM_005618](#)

Protein Refseq [NP_005609](#)

MIM [606582](#)

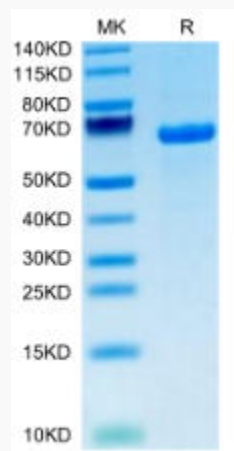
UniProt ID [O00548](#)

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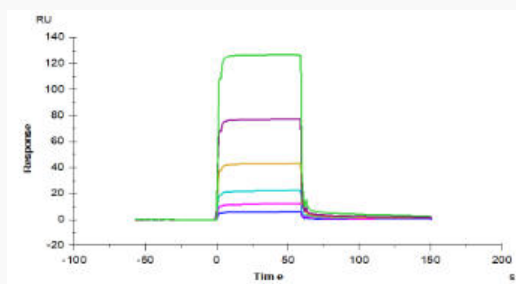
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Bis-Tris PAGE



SPR Data



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