

## Active Recombinant Human DLL1 protein, His-tagged

Cat. No. DLL1-278H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human DLL1(NP_005609)(Gln 18 - Gly 540), fused with His tag, was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	Gln 18 - Gly 540
<b>Form</b>	Lyophilized from 0.22 µm filtered solution in 50 mM Tris, 150 mM NaCl, pH 7.5. Normally trehalose is added as protectant before lyophilization.
<b>Bio-activity</b>	Loaded Human NOTCH1, Fc Tag on Protein A Biosensor, can bind Human DLL1, His Tag with an affinity constant of 290 nM as determined in BLI assay (ForteBio Octet Red96e).
<b>Molecular Mass</b>	The protein has a calculated MW of 58.4 kDa. The protein migrates as 55-66 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
<b>Endotoxin</b>	Less than 1.0 EU per µg by the LAL method.
<b>Purity</b>	>95% as determined by SDS-PAGE.
<b>Storage</b>	For long term storage, the product should be stored at lyophilized state at -20 centigrade or lower.

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Please avoid repeated freeze-thaw cycles.  
This product is stable after storage at:  
-20 centigrade to -70 centigrade for 12 months in lyophilized state;  
-70 centigrade for 3 months under sterile conditions after reconstitution.

**Reconstitution** It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

## GENE INFORMATION

<b>Gene Name</b>	DLL1 delta-like 1 (Drosophila) [ Homo sapiens ]
<b>Official Symbol</b>	DLL1
<b>Synonyms</b>	DLL1; delta-like 1 (Drosophila); delta (Drosophila) like 1; delta-like protein 1; H-Delta-1; drosophila Delta homolog 1; DL1; Delta; DELTA1;
<b>Gene ID</b>	28514
<b>mRNA Refseq</b>	NM_005618
<b>Protein Refseq</b>	NP_005609
<b>MIM</b>	606582
<b>UniProt ID</b>	O00548

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