

Active Recombinant Human DLL1 protein, His-tagged

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

SPECIFICATION

Product Overview	Active Recombinant Human DLL1 protein(NP_005609.3)(Met 1-Gly 540) was expressed in HEK293, fused with a polyhistidine tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	1-540 aa
Form	Lyophilized from sterile PBS, pH 7.4.
Bio-activity	1. Measured by its ability to bind human NOTCH1 in a functional ELISA. 2. Measured by the ability of the immobilized protein to enhance BMP2 induced alkaline phosphatase activity in C3H10T1/2 mouse embryonic fibroblast cells. The ED50 for this effect is typically 2-20 µg/mL.
Molecular Mass	The recombinant human DLL1 consists of 530 amino acids and predicts a molecular mass of 57.4 kDa. In SDS-PAGE under reducing conditions, rh DLL1 migrates as an approximately 58 kDa band due to glycosylation.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	> 98 % as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to

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aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.

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

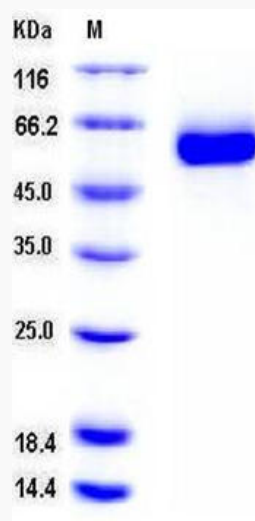
Gene Name	DLL1 delta-like 1 (Drosophila) [Homo sapiens]
Official Symbol	DLL1
Synonyms	DLL1; delta-like 1 (Drosophila); delta (Drosophila) like 1; delta-like protein 1; H-Delta-1; drosophila Delta homolog 1; DL1; Delta; DELTA1;
Gene ID	28514
mRNA Refseq	NM_005618
Protein Refseq	NP_005609
MIM	606582
UniProt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

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SDS-PAGE



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