

## Active Recombinant Human DLL4 protein

Cat. No. DLL4-354H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human DLL4 protein(NP_061947.1)(Met1-Pro524) was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	1-524 a.a.
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4. Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the hard copy of CoA.
<b>Bio-activity</b>	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 4-20 g/mL in the presence of 500 ng/mL recombinant human BMP2.
<b>Molecular Mass</b>	The recombinant human DLL4 consists of 504 amino acids and predicts a molecular mass of 55 kDa.
<b>Proteinlength</b>	Met1-Pro524
<b>Endotoxin</b>	< 1.0 EU per µg protein as determined by the LAL method.

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<b>Purity</b>	≥ 95 % as determined by SDS-PAGE. ≥ 90 % as determined by SEC-HPLC.
<b>Storage</b>	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
<b>Reconstitution</b>	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>	DLL4 delta-like 4 (Drosophila) [ Homo sapiens ]
<b>Official Symbol</b>	DLL4
<b>Synonyms</b>	DLL4; delta-like 4 (Drosophila); delta like 4 homolog (Drosophila); delta-like protein 4; delta4; delta 4; delta ligand 4; notch ligand DLL4; delta-like 4 homolog; delta-like 4 protein; notch ligand delta-2; drosophila Delta homolog 4; hdelta2; MGC126344;
<b>Gene ID</b>	54567
<b>mRNA Refseq</b>	NM_019074
<b>Protein Refseq</b>	NP_061947
<b>MIM</b>	605185
<b>UniProt ID</b>	Q9NR61

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