

Recombinant Human DLL1, Fc-tagged

Cat. No. DLL1-26673TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Signal peptide and extracellular domain of human DLL1 (aa 1-545) are fused at the C-terminus to the Fc portion of human IgG1.
Species	Human
Source	CHO
Description	DLL1 is a human homolog of the Notch Delta ligand and is a member of the delta/serrate/jagged family. It plays a role in mediating cell fate decisions during hematopoiesis. It may play a role in cell-to-cell communication.
Form	Lyophilized. Contains PBS.
Bio-activity	Inhibits adipogenesis of 3T3L-1 cells. Induces Hes-1 in 3T3L-1 cells.
Molecular Mass	~100kDa (SDS-PAGE)
Endotoxin	<0.01EU/μg purified protein (LAL test; Lonza).
Purity	≥90% (SDS-PAGE)
Stability	Working aliquots are stable for up to 3 months when stored at -20°C.
Storage	Short Term Storage: +4°C Long Term Storage: -20°C After reconstitution, prepare aliquots and store at -20°C. Avoid freeze/thaw cycles.

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Reconstitution Reconstitute in distilled water.

GENE INFORMATION

Gene Name	DLL1 delta-like 1 (Drosophila) [Homo sapiens (human)]
Official Symbol	DLL1
Synonyms	DLL1; DL1; Delta; DELTA1; delta-like 1 (Drosophila); delta-like protein 1; H-Delta-1; drosophila Delta homolog 1
Gene ID	28514
mRNA Refseq	NM_005618
Protein Refseq	NP_005609
MIM	606582
UniProt ID	O00548
Chromosome Location	6q27
Pathway	Activated NOTCH1 Transmits Signal to the Nucleus; Constitutive Signaling by NOTCH1 HD+PEST Domain Mutants; FBXW7 Mutants and NOTCH1 in Cancer
Function	Notch binding; calcium ion binding; protein binding

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