

Recombinant Human DLL1, FLAG-tagged

Cat. No. DLL1-26670TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment corresponding to amino acids 1-545 of Human DLL1 with a C terminal DDDDK tag; MWt 70 kDa .
Species	Human
Source	HEK293
ProteinLength	545 amino acids
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.
Conjugation	FLAG
Molecular Weight	70.000kDa inclusive of tags
Tissue specificity	Expressed in heart and pancreas, with lower expression in brain and muscle and almost no expression in placenta, lung, liver and kidney.
Biological activity	Inhibits adipogenesis of mesenchymal stem cells.
Form	Liquid
Purity	>90% by SDS-PAGE

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Storage buffer	Preservative: NoneConstituents: PBS
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Sequence Similarities	Contains 1 DSL domain.Contains 8 EGF-like domains.
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;
Gene ID	28514
mRNA Refseq	NM_005618
Protein Refseq	NP_005609
MIM	606582
Uniprot ID	O00548
Chromosome Location	6q13-q22.33
Pathway	Delta-Notch Signaling Pathway, organism-specific biosystem; Notch receptor binds with a ligand, organism-specific biosystem; Notch signaling pathway, organism-specific biosystem; Notch signaling pathway, organism-specific biosystem; Notch signaling pathway, conserved biosystem;

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Function

Notch binding; calcium ion binding; protein binding;

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