

Active Recombinant Human DLL1, Fc-tagged

Cat. No. DLL1-218H 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
ProteinLength	1-545 a.a.
Description	DLL1 (Delta-like protein; Delta1) is essential for postnatal arteriogenesis and contributes to tumor progression. DLL1 is involved in differentiation and self-renewal of adipocyte stem cells. Blocks the differentiation of progenitor cells into the B cell lineage while promoting the emergence of a population of cells with the characteristics of a T cell/NK-cell precursor.
Form	Lyophilized. Contains PBS.
Bio-activity	Inhibits adipogenesis of 3T3L-1 cells. Induces Hes-1 in 3T3L-1 cells.
Molecular Mass	~100kDa (SDS-PAGE)
Purity	≥90% (SDS-PAGE)
Stability	Working aliquots are stable for up to 3 months when stored at -20°C.

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Storage

Short Term Storage: +4°C; Long Term Storage: -20°C. After reconstitution, prepare aliquots and store at -20°C. Avoid freeze/thaw cycles.

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

**Chromosome
Location**

6q13-q22.33

Pathway

Activated NOTCH1 Transmits Signal to the Nucleus, organism-specific biosystem; Delta-Notch Signaling Pathway, organism-specific biosystem; Notch signaling pathway, organism-specific biosystem; Notch signaling pathway, organism-specific biosystem; Notch signaling pathway, conserved biosystem; Presenilin action in Notch and Wnt signaling, organism-specific biosystem; Signal Transduction, organism-specific biosystem;

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Function

Notch binding; calcium ion binding; protein binding;

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