

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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