

Active Recombinant Mouse Dll1 protein, Fc-tagged

Cat. No. Dll1-2562M Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Dll1(aa 1-545) fused with Fc portion of human IgG1 at C-terminal was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	1-545 a.a.
Description	The Notch ligand delta-like protein 1 (DLL1) 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	Liquid. 0.2µm-filtered solution in PBS.
Bio-activity	Inhibits adipogenesis of 3T3L-1 cells. Induces Hes-1 in 3T3L-1 cells.
Molecular Mass	~100kDa (SDS-PAGE)
Endotoxin	0.1EU/µg purified protein (LAL test; Lonza).
Purity	≥90% (SDS-PAGE)

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Stability	Working aliquots are stable for up to 3 months when stored at -20 centigrade.
Storage	Short Term Storage: +4 centigrade; Long Term Storage: -20 centigrade; Handling Advice After opening, prepare aliquots and store at -20 centigrade. Avoid freeze/thaw cycles.
Concentration	1mg/ml
GENE INFORMATION	
Gene Name	Dll1 delta-like 1 (Drosophila) [Mus musculus]
Official Symbol	Dll1
Synonyms	DLL1; delta-like 1 (Drosophila); delta-like protein 1; delta like-1; drosophila Delta homolog 1; Delta1;
Gene ID	13388
mRNA Refseq	NM_007865
Protein Refseq	NP_031891
MIM	
UniProt ID	Q61483
Chromosome Location	17 A2; 17 8.95 cM
Pathway	Activated NOTCH1 Transmits Signal to the Nucleus, organism-specific biosystem; Delta-Notch Signaling Pathway, organism-specific biosystem; Notch Signaling

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Pathway, organism-specific biosystem; Notch signaling pathway, organism-specific biosystem; Notch signaling pathway, conserved biosystem; Signal Transduction, organism-specific biosystem; Signaling by NOTCH, organism-specific biosystem;

Function

Notch binding; Notch binding; calcium ion binding; protein binding;

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