

Recombinant Human DLL4, Fc-tagged

Cat. No. DLL4-26672TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment corresponding to amino acids 1-529 of Human DLL4 fused at the C terminus to the Fc portion of Human IgG1; MWt: 100 kDa by SDS Page.
Species	Human
Source	HEK293
ProteinLength	529 amino acids
Description	This gene is a homolog of the Drosophila delta gene. The delta gene family encodes Notch ligands that are characterized by a DSL domain, EGF repeats, and a transmembrane domain.
Conjugation	Fc
Molecular Weight	100.000kDa inclusive of tags
Tissue specificity	Expressed in vascular endothelium.
Biological activity	Inhibits adipogenesis of 3T3L-1 cells and mesenchymal stem cells (MSCs). Induces Hes-1 in 3T3L-1 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	DLL4 delta-like 4 (Drosophila) [Homo sapiens]
Official Symbol	DLL4
Synonyms	DLL4; delta-like 4 (Drosophila); delta like 4 homolog (Drosophila); delta-like protein 4;
Gene ID	54567
mRNA Refseq	NM_019074
Protein Refseq	NP_061947
MIM	605185
Uniprot ID	Q9NR61
Chromosome Location	15q14
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;
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