

## Recombinant Human DLL4, Fc-tagged

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

### SPECIFICATION

<b>Product Overview</b>	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.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	529 amino acids
<b>Description</b>	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.
<b>Conjugation</b>	Fc
<b>Molecular Weight</b>	100.000kDa inclusive of tags
<b>Tissue specificity</b>	Expressed in vascular endothelium.
<b>Biological activity</b>	Inhibits adipogenesis of 3T3L-1 cells and mesenchymal stem cells (MSCs). Induces Hes-1 in 3T3L-1 cells.
<b>Form</b>	Liquid
<b>Purity</b>	>90% by SDS-PAGE

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<b>Storage buffer</b>	Preservative: None Constituents: PBS
<b>Storage</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
<b>Sequence Similarities</b>	Contains 1 DSL domain. Contains 8 EGF-like domains.

## GENE INFORMATION

<b>Gene Name</b>	DLL4 delta-like 4 (Drosophila) [ Homo sapiens ]
<b>Official Symbol</b>	DLL4
<b>Synonyms</b>	DLL4; delta-like 4 (Drosophila); delta like 4 homolog (Drosophila); delta-like protein 4;
<b>Gene ID</b>	54567
<b>mRNA Refseq</b>	NM_019074
<b>Protein Refseq</b>	NP_061947
<b>MIM</b>	605185
<b>Uniprot ID</b>	Q9NR61
<b>Chromosome Location</b>	15q14
<b>Pathway</b>	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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