

Recombinant Human DLL4

Cat. No. DLL4-26674TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment, corresponding to amino acids 27-524 of Human DLL4 expressed in 293 cells; 498 amino acids, 54.0 kDa.
Species	Human
ProteinLength	27-524 a.a.
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.
Tissue specificity	Expressed in vascular endothelium.
Biological activity	Biological Activity :DLL4-26674TH, when immobilized at concentrations >1.5 µg/mL will inhibit myogenesis in C2C12 cells.
Form	Lyophilised:Reconstituted DLL4-26674TH is stable for at least 3 months when stored in working aliquots with a carrier protein at -20°C. Avoid repeated freeze/thaw cycles.
Purity	>95% by SDS-PAGE
Storage	Store at -20°C. Stable for 12 months at -20°C
Sequences of amino acids	SGVFQLQLQE FINERGVLAS GRPCEPGCRT FFRVCLKHFQ AVVSPGPCTF GTVSTPVLGT NSFVRDDSS GGGRNPLQLP FNFTWPGTFS LIIEAWHAPG

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DDLRPEALPP DALISKIAIQ GSLAVGQNW LDEQTSTLTR LRYSYRVICS
 DNYYGDNCSR LCKKRNDHFG HYVCQPDGNL SCLPGWTGEY CQQPICLSGC
 HEQNGYCSKP AECLCRPGWQ GRLCNECIPH NGCRHGTCTST PWQCTCDEGW
 GGLFCDQDLN YCTHHSPCKN GATCSNSGQR SYTCTCRPGY TGVDCELELS
 ECDSNPCRNG GSCKDQEDGY HCLCPPGYG LHCEHSTLSC ADSPCFNGGS
 CRERNQGANY ACECPPNFTG SNCEKKVDRC TSNPCANGGQ CLNRGPSRMC
 RCRPGFTGTY CELHVSDCAR NPCAHGGTCH DLENGLMCTC PAGFSGRRCE
 VRTSIDACAS SPCFNATCY TDLSTDFTVC NCPYGFVGSR CEFVGLP

Sequence

Contains 1 DSL domain.Contains 8 EGF-like domains.

Similarities

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

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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;
Function	Notch binding; calcium ion binding;

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