

Recombinant Human Delta-Like 1 (Drosophila)

Cat. No. DLL1-4993H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human DLL1 was expressed in 293T cells and purified by using SDS PAGE and HPLC.
Species	Human
Source	Human
Description	Human sDLL-1 comprises the extracellular signaling domain of DLL1, a member of a structurally-related family of single-pass type I trans-membrane proteins that serve as ligands for Notch receptors. It is expressed in the heart and pancreas, and to a lesser extent in various other tissues. DLL-1 functions to specifically activate the Notch-1 and Notch-2 receptors.
Form	Lyophilized from PBS, pH 7.5
Purity	>95% pure by SDS PAGE and HPLC
Sequence	Region of sDLL1 protein corresponding to amino acids SGVFELKLQE FVNKKGLLGN RNCCRGGAGP PPCACRTFFRVCLKH YQASV SPEPPCTYGS AVTPVLGVDS FSLPDGGGAD SAFSNPIRFP FGFTWPGTFS LIIEALHTDSPDDLATENPE RLISRLATQR HLTVGEEWSQ DLHSSGRD L KYSYRFVCDE HYYGEGCSVF CRPRDDAFGHFTCG
Molecular Mass	57-60 kDa

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Applications	Numerous applications are possible with this product and should be tested by the enduser under their own laboratory conditions
Storage	Store at 4 deg C until reconstitution. Following reconstitution aliquot and freeze at -20 deg C for long term storage. Avoid repeated freeze/thaw cycles.
Official Symbol	DLL1
GENE INFORMATION	
Gene Name	DLL1 delta-like 1 (Drosophila) [Homo sapiens]
Synonyms	DLL1; delta-like 1 (Drosophila); DL1; Delta; DELTA1; delta-like protein 1; H-Delta-1; OTTHUMP00000017690; drosophila Delta homolog 1; Drosophila Delta homolog 1; delta (Drosophila)-like 1; Delta1
Gene ID	28514
mRNA Refseq	NM_005618
Protein Refseq	NP_005609
MIM	606582
UniProt ID	O00548
Chromosome Location	6q27
Pathway	Delta-Notch Signaling Pathway; Notch receptor binds with a ligand; Notch signaling pathway; Presenilin action in Notch and Wnt signaling; Receptor-

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ligandbinding initiates the second proteolytic cleavage of Notch receptor;Signaling by Notch

Function

Notchbinding; calcium ion binding; protein binding

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