

DLL-4, soluble Active Protein | DLL-4 active protein

Human DLL-4, soluble

CATALOG #
AAA79284

HOST
HEK 293 Cells

PRODUCT SYNONYMS

DLL-4; soluble; Human DLL-4; Recombinant Human sDLL-4; hdelta2; DLL-4 active protein

PRODUCT SPECIFICATIONS

Host	HEK 293 Cells
Purity/Purification	> 95%, by SDS-PAGE and HPLC analysis
Form/Format	Lyophilized form 1X PBS, pH 7.5
Sequence	SGVFQLQLQE FINERGVLAS GRPCEPGCRT FFRVCLKHFQ AVVSPGPCTF GTVSTPVLGT NSFAVRDDSS GGGRNPLQLP FNFTWPGTFS LIIEAWHAPG DDLRPEALPP DALISKIAIQ GSLAVGQNWL LDEQTSTLTR LRYSYRVICS DNYYGDNCSR LCKKRNDHFG HYVCQPDGNL SCLPGWTGEY CQQPICLSGC HEQNGYCSKP AECLCRPGWQ GRLCNECIPH NGCRHGTCST PWQCTCDEGW GGLFCDQDLN YCTHHSPCKN GATCSNSGQR SYTCTCRPGY TGVDCLELS ECDSNPCRNG GSCKDQEDGY HCLCPPGYG LHCEHSTLSC ADSPCFNGGS CRERNQGANY ACECPPNFTG SNCEKKVDRC TSNPCANGGQ CLNRGPSRMC RCRPGFTGTY CELHVSDCAR NPCAHGGTCH DLENGLMCTC PAGFSGRRCE VRTSIDACAS SPCFNRATCY TDLSTDTFVC NCPYGFVGSR CEFPVGLP
Sequence Length	685
Endotoxin Level	< 0.1 ng/ug of protein (<1EU/ug).
Reconstitution	Centrifuge vial prior to reopening. Reconstitute in water to a concentration of 0.1-1.0 mg/m. Do not vortex.
Biological Activity	The sDLL-4, when immobilized at concentrations >1.5 ug/mL will inhibit myogenesis in C2C12 cells.
Length (aa)	498
Preparation and Storage	Reconstituted working aliquots are stable for 1 week at 2°C to 8°C. For 3 months at -20°C to -80°C.

ADDITIONAL INFORMATION

Related Product Information for DLL-4 active protein	Human sDLL4 comprises the extracellular signaling domain of DLL, a member of a structurally-related family of single-pass type I trans-membrane proteins that serve as ligands for Notch receptors. DLL4 functions to specifically activate the Notch-1 and Notch-4 receptors. The Notch signaling pathway regulates endothelial-cell differentiation, proliferation and apoptosis, and is essential for the development, maintenance and remodeling of the vascular system. Targeted deletion of the DLL4 gene in mice resulted in severe vascular defects and death before birth. Up-regulation of DLL4 expression has been implicated in the vascular development of certain tumors. Recombinant human sDLL4 is a 54.0 kDa glycoprotein containing 498 amino-acid residues.
Product Categories/Family for DLL-4 active protein	Soluble receptors

NCBI AND UNIPROT INFORMATION

NCBI GI #	9506545
NCBI GeneID	54567

NCBI Accession #	NP_061947.1
NCBI GenBank Nucleotide #	NM_019074.3
UniProt Accession #	Q9NR61; Q3KP23; Q9NQT9
Molecular Weight	54 kDa
NCBI Official Full Name	delta-like protein 4
NCBI Official Synonym Full Names	delta-like 4 (Drosophila)
NCBI Official Symbol	DLL4
NCBI Official Synonym Symbols	hdelta2
NCBI Protein Information	delta-like protein 4; delta4; delta 4; delta ligand 4; notch ligand DLL4; delta-like 4 homolog; delta-like 4 protein; notch ligand delta-2; drosophila Delta homolog 4
UniProt Protein Name	Delta-like protein 4
UniProt Gene Name	DLL4
UniProt Synonym Gene Names	Delta4
UniProt Entry Name	DLL4_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/hek-293-cells-active-protein/dll-4-soluble/79284>