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Human CellExp sDLL-1, Human recombinant protein

Delta-like protein 1, Delta-1
Catalog # PBV10768r

Specification

Human CellExp sDLL-1, Human recombinant protein - Product info

Primary Accession	O00548
Calculated MW	**57-60 kDa KDa**

Human CellExp sDLL-1, Human recombinant protein - Additional Info

Gene ID	**28514**
Gene Symbol	**DLL-1**
Other Names	
Delta-like protein 1, Delta-1	
Gene Source	**Human**
Source	**HEK 293 cells**
Assay&Purity	**SDS-PAGE; ≥95%**
Assay2&Purity2	**HPLC;**
Recombinant	**Yes**
Sequence	**SGVFELKLQE FVNKKGLLGN RNCCRGGAGP PPCACRTFFR VCLKHYQASV SPEPPCTYGS AVTPVLGVDS FSLPDGGGAD SAFSNPIRFP FGFTWPGTFS LIIEALHTDS PDDLATENPE RLISRLATQR HLTVGEEWSQ DLHSSGRTDL KYSYRFVCDE HYYGEGCSVF CRPRDDAFGH FTCGERGEKV CNPGWKGPYC TEPICLPGCD EQHGFCDKPG ECKCRVGWQG RYCDECIRYP GCLHGTCQQP WQCNCQEGWG GLFCNQDLNY CTHHKPCKNG ATCTNTGQGS YTCSCRPGYT GATCELGIDE CDPSPCKNGG SCTDLENSYS CTCPPGFYGK ICELSAMTCA DGPCFNGGRC SDSPDGGYSC RCPVGYSGFN CEKKIDYCSS SPCSNGAKCV DLGDAYLCRC QAGFSGRHCD DNVDDCASSP CANGGTCRDG VNDFSCTCPP GYTGRNCSAP VSRCEHAPCH NGATCHERGH RYVCECARGY GGPNCQFLLP ELPPGPAVVD LTEKLEGQGG PF**

Target/Specificity
sDLL-1

Application Notes
Centrifuge the vial prior to opening. Reconstitute in water to a concentration of 0.1-1.0 mg/ml. Do not vortex. This solution can be stored at 2-8°C for up to 1 week. For extended storage, it is recommended to further dilute in a buffer containing a carrier protein (example 0.1% BSA) and store in working aliquots at -20°C to -80°C.

Format
Lyophilized powder

Storage
-20°C; Sterile filtered through a 0.2 micron filter. Lyophilized from 1X PBS, pH 7.5.

Human CellExp sDLL-1, Human recombinant protein - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Human CellExp sDLL-1, Human recombinant protein - Images

Human CellExp sDLL-1, Human recombinant protein - Background

Human sDLL-1 comprises the extracellular signaling domain of DLL-1, 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. The Notch signaling pathway regulates endothelial-cell differentiation, proliferation and apoptosis, and is essential for the development, maintenance and remodeling of the vascular system. DLL-1 suppresses differentiation of hematopoietic progenitor cells into the B-cell lineage while promoting differentiation to T-cell and NK cell precursors. Recombinant human sDLL-1 is a 57.0-60.0 kDa glycoprotein containing 522 amino-acid residues.

Human CellExp sDLL-1, Human recombinant protein - References

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