32-13197: DLL4 Mouse

Alternative Name : Delta-like protein 4, Drosophila Delta homolog 4, Delta 4, Dll4.

Description

Source: Sf9, Baculovirus cells.
Sterile filtered colorless solution.
Delta-Like4, also known as DLL4 is implicated in the Notch signaling pathway as Notch ligand. Consequently DLL4 negatively regulates endothelial cell proliferation, migration as well as angiogenic sprouting. DLL4 is vital for retinal progenitor proliferation and also required for suppressing rod fates in late retinal progenitors and for proper generation of other retinal cell types. Furthermore, at some stage in the spinal cord neurogenesis, DLL4 inhibits V2a interneuron fate.
DLL4 produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain (27-532 a.a.) and fused to a 6 aa His Tag at C-terminus containing a total of 512 amino acids and having a molecular mass of 55.8kDa.DLL4 shows multiple bands between 50-70kDa on SDS-PAGE, reducing conditions and purified by proprietary chromatographic techniques.

Product Info

Amount :	2 µg / 10 µg
Purification :	Greater than 95.0% as determined by SDS-PAGE.
Content :	DLL4 protein solution (1mg/ml) contains Phosphate buffered saline (pH7.4) and 10% glycerol.
Storage condition :	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.
Amino Acid :	GSGIFQLRLQ EFVNQRGMLA NGQSCEPGCR TFFRICLKHF QATFSEGPCT FGNVSTPVLG TNSFVVRDKN SGSGRNPLQL PFNFTWPGTF SLNIQAWHTP GDDLRPETSP GNSLISQIII QGSLAVGKIW RTDEQNDTLT RLSYSYRVIC SDNYYGESCS RLCKKRDDHF GHYECQPDGS LSCLPGWTGK YCDQPICLSG CHEQNGYCSK PDECICRPGW QGRLCNECIP HNGCRHGTCS IPWQCACDEG WGGLFCDQDL NYCTHHSPCK NGSTCSNSGP KGYTCTCLPG YTGEHCELGL SKCASNPCRN GGSCKDQENS YHCLCPPGYY GQHCEHSTLT CADSPCFNGG SCRERNQGSS YACECPPNFT GSNCEKKVDR CTSNPCANGG QCQNRGPSRT CRCRPGFTGT HCELHISDCA RSPCAHGGTC HDLENGPVCT CPAGFSGRRC EVRITHDACA SGPCFNGATC YTGLSPNNFV CNCPYGFVGS RCEFPVGLPP SFPWVAHHHH HH