

## 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 EFNQVRGMLA NGQSCEPGCR TFFRICLKHF QATFSEGPCT FGNVSTPVLG TNSFVVRDKN  
SGSGRNPLQL PFNFTWPGTF SLNIQAWHTP GDDLRPETSP GNSLISQIII QGSLAVGKIW RTDEQNDTLT  
RLSYSYRVIC SDNYYGESCS RLCKKRDDHF GHYECQPDGS LSCLPGWTGK YCDQPICLSG CHEQNGYCSK  
PDECICRPGW QGRLCNECIP HNGCRHGTC IPWQCACDEG WGGLFCDQDL NYCTHHSPCK  
NGSTCSNSGP KGYTCTCLPG YTGEHCELGL SKCASNPCRN GGSKDQENS YHCLCPPGYY  
GQHCEHSTLT CADSPCFNGG SCRERNQGSS YACECPPNFT GSNCEKKVDR CTSNPCANGG  
QCQNRGPSRT CRCRPGFTGT HCELHISDCA RSPCAHGGTC HDLENGPVCT CPAGFSGRRC  
EVRITHDACA SGPCFNGATC YTGLSPNNFV CNCPYGFVGS RCEFPVGLPP SFPWVAHHHH HH