

32-13786: DLL4 Human

Format : DLL4 protein solution (0.25mg/ml) containing Phosphate Buffered Saline (pH 7.4) and 10% glycerol.
Alternative Name : Delta-like protein 4, Drosophila Delta homolog 4, Delta4, delta like canonical Notch ligand 4, AOS6, hdelta2.

Description

Source:HEK293.

Physical Appearance: Sterile filtered colorless solution.

Biological Activity: null

Delta-Like4 or DLL4 is implicated in the Notch signaling transduction as Notch ligand. DLL4 down regulates endothelial cell proliferation, migration and angiogenic sprouting. DLL4 is crucial for retinal progenitor proliferation & furthermore required for suppressing rod fates in late retinal progenitors & for proper generation of other retinal cell types. Also, at some stages in the spinal cord neurogenesis, DLL4 inhibits V2a interneuron fate.

DLL4 Human Recombinant produced in HEK293 is a single glycosylated polypeptide chain containing 504 amino acids (27-529 a.a) and having a molecular mass of 55.1kDa. DLL4 is fused to a 6 amino acid His-tag at C-terminus & purified by proprietary chromatographic techniques.

Product Info

Amount : 20 µg / 5 µg
Purification : Greater than 95.0% as determined by SDS-PAGE.
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 : SGVFQLQLQE FINERGLAS GRPCEPGCRT FFRVCLKHFQ AVVSPGPCTF GTVSTPVLGT NSFVRRDDSS
GGGRNPLQLP FNFTWPGTFS LIIEAWHAPG DDLRPEALPP DALISKIAIQ GSLAVGQNWL LDEQTSTLTR
LRYSYRVICS DNYYGDNCSR LCKKRNDHFG HYVCQPDGNL SCLPGWTGEY CQQPCLSGC
HEQNGYCSKP AECLCRPGWQ GRLCNECIPH NGCRHGTCST PWQCTCDEGW GGLFCDQDLN
YCTHSPCKN GATCSNSGQR SYTCTCRPGY TGVDCELELS ECDSNPCRNG GSCKDQEDGY
HCLCPPGYG LHCEHSTLSC ADSPCFNGGS CRERNQGANY ACECPPNFTG SNCEKKVDRC
TSNPCANGGQ CLNRGPSRMC RCRPGFTGTY CELHVSDCAR NPCAHGGTCH DLENGLMCTC
PAGFSGRRCE VRTSIDACAS SPCFNATCY TDLSTDTFVC NCPYGFVGSR CFPVGLPHH HHHH.