9051 Mira Mesa Blvd, #910094
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DLL4 Human

Delta-Like 4 Human Recombinant
RCP0650

Product Overview

Name	DLL4 Human
Description	
Delta-Like 4 Human Recombinant	
Accession (Primary)	Q9NR61
Synonyms	
Delta-like protein 4, Drosophila Delta homolog 4, Delta4, delta like canonical Notch ligand 4, AOS6, hdelta2.	
Introduction	
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.	
Source	
HEK293.	
Physical Appearance	
Sterile filtered colorless solution.	
Formulation	
DLL4 protein solution (0.25mg/ml) containing Phosphate Buffered Saline (pH 7.4) and 10% glycerol.	
Stability	
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.	
Purity	
Greater than 95.0% as determined by SDS-PAGE.	
Amino acid 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 TGVDCELELS ECDSNPCRNG GSCKDQEDGY HCLCPPGYYG LHCEHSTLSC ADSPCFNGGS	

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CRERNQGANY ACECPPNFTG SNCEKKVDRC TSNPCANGGQ CLNRGPSRMC RCRPGFTGTY CELHVSDCAR NPCAHGGTCH DLENGLMCTC PAGFSGRRCE VRTSIDACAS SPCFNRATCY TDLSTDTFVC NCPYGFVGSR CEFPVGLP HH HHHH.

Precautions

DLL4 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q9NR61)