

32-13194: DLK1 Human

Alternative Name : DLK1, Delta-Like 1 Homolog (Drosophila), PREF1, DLK-1, FA1, DLK, PG2, Delta-Like Homolog (Drosophila), Protein Delta Homolog 1, Preadipocyte Factor 1, Fetal Antigen 1, Secretdeltin, DELTA1, Pref-1, ZOG.

Description

Source: Sf9, Baculovirus cells.

Sterile Filtered clear solution.

Delta-Like 1, also known as DLK1 is a member of the Notch/Delta/Serrate family of epidermal growth factor (EGF)-like repeat-containing proteins which act as ligands in the Notch signaling pathway. Furthermore, DLK1 has six highly conserved epidermal-growth-factor motifs and it also contains up to ten O-glycosylation and N-glycosylation locations, six of them are differentially glycosylated.

DLK1 Human Recombinant produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 288 amino acids (24-303 a.a) and having a molecular mass of 30.7kDa. DLK1 is fused to an 8 amino acid His-tag at C-terminus & purified by proprietary chromatographic techniques.

Product Info

Amount : 2 µg / 10 µg

Purification : Greater than 95.0% as determined by SDS-PAGE.

Content : DLK1 protein solution (0.25mg/ml) containing 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 : AECFPACNPQ NGFCEDDNVC RCQPGWQGGL CDQCVTSPGC LHGLCGEPGQ CICTDGWDGE LCDRDVRACS SAPCANNGTC VSLDDGLYEC SCAPGYSGKD CQKKDGPCVI NGSPCQHGGT CVDDEGRASH ASCLCPPGFS GNFCEIVANS CTPNPCENDG VCTDIGGDFR CRCPAGFIDK TCSRPTVNCA SSPCQNGGTC LQHTQVSYEC LCKPEFTGLT CVKKRALSPQ QVTRLPSGYG LAYRLTPGVH ELPVQQPEHR ILKVSMKELN KKTPLLTEGQ LEHHHHHH.