

Protein delta homolog 1, 24-303aa, Human, His tag, Insect cell

Cat.NO.: TP03540

3th Edition

Synonyms:Delta1, DLK, DLK-1, FA1, pG2, Pref-1, PREF1, ZOG, DLK1.

Description:DLK1, also known as protein delta homolog 1, belongs to the Notch/Delta/Serrate family of epidermal growth factor (EGF)-like repeat-containing proteins that act as ligands in the Notch signaling pathway. It has six well conserved epidermal-growth-factor motifs and contains up to ten O-glycosylation and N-glycosylation sites, six of which are differentially glycosylated. Recombinant human DLK1, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

Form:Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.

Molecular Weight:30.7kDa (288aa) 28-40kDa (SDS-PAGE under reducing conditions)

Sequences:

AECFPACNPQNGFCEDDNVCRCQPGWQGPLCDQCVTSPGCLHGLCGEPGQCICITDGWDGELCDRDVVRACSSA
PCANNGTCVSLDDGLYECSCAPGYSGKDCQKKDGPCVINGSPCQHGGTCVDDEGRASHASCLCPPGFSGNFCEI
VANSCTPNPCENDGVCTDIGGDFRCRCPAGFIDKTC SRPVTNCASSPCQNGGTCLQHTQVSYECLCKPEFTGLTC
VKKRALSPQQVTRLP SGYGLAYRLTPGVHEL PVQQPEHRILKVSMKELNKKTPLLTEGQLEHHHHHH

Purity:> 95% by HPLC

Concentration:0.25mg/ml (determined by Absorbance at 280nm)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.