

AR52000PU-N

Human DLK1 (24-303, His-tag) - Purified

Alternate names:

DLK, DLK-1, PREF1, Preadipocyte factor 1, Protein delta homolog 1, pG2

Quantity:

0.25 mg

Concentration:

0.25 mg/ml (determined by absorbance at 280nm)

Background:

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.

Uniprot ID:

[P80370](#)

NCBI:

[NP_003827](#)

GeneID:

[8788](#)

Species:

Human

Source:

Insect cells

Format:

State: Liquid purified protein

Purity: >95% by SDS – PAGE

Buffer System: Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.

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

Description:
AA Sequence:

AECFPACNPQ NGFCEDDNVC RCQPGWQGPL CDQCVTSPGC LHGLCGEPGQ CICTDGWDGE
LCDDRVACRS SAPCANNGTC VSLDDGLYEC SCAPGYSGKD CQKKGPCVI NGSPCQHGGT
CVDDEGRASH ASCLCPPGFS GNFCEIVANS CTPNPCENDG VCTDIGGDFR CRCPAGFIDK
TCSRPTVNCA SSPCQNGGTC LQHTQVSYEC LCKPEFTGLT CVKKRALSPQ QVTRLPSGYG
LAYRLTPGVH ELPVQQPEHR ILKVSMKELN KKTPLLTEGQ LEHHHHHH

Molecular weight: 30.7 kDa (288aa)

Storage:

Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer.

Avoid repeated freezing and thawing.

Shelf life: one year from despatch.

General Readings:

Jensen CH., et al. (1994) Eur J Biochem. 225:83-92. Smas CM., et al. (1994)

Biochemistry. 33:9257-9265.

Pictures:

