

Recombinant Human DLK1 protein, His-tagged

Cat. No. DLK1-188H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human DLK1(Ala24-Pro297) fused with His tag at C-terminal was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Ala24-Pro297
Form	Lyophilized from a 0.2 µm filtered solution of 20mM PB, 150mM NaCl, pH 7.2.
AA Sequence	AECFPACNPQNGFCEDDNVCRCQPGWQGPLCDQCVTSPGCLHGLCGEPGQCICIT DGWDGELCDRD VRACSSAPCANNGTCVSLDDGLYECSCAPGYSGKDCQKKDGP CVINGSPCQHGGTCVDDEGRASH ASCLCPPGFSGNFCEIVANSCTPNPCENDGVC TDIGGDFRCRCPAGFIDKTC SRPVTNCASSPCQ NGGTCLQHTQVSYECLCKPEFT GLTCVKKRALSPQQVTRLPNGYGLAYRLTPGVHELPPVQQPEHR ILKVSMKELNKKT PVDHHHHHH
Endotoxin	Less than 0.1 ng/g (1 IEU/g) as determined by LAL test.
Purity	Greater than 95% as determined by reducing SDS-PAGE.
Storage	Lyophilized protein should be stored at < -20 centigrade, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7 centigrade for 2-7 days. Aliquots of reconstituted samples are stable at < -20

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centigrade for 3 months.

Reconstitution

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in ddH₂O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

Shipping

The product is shipped at ambient temperature.

GENE INFORMATION

Gene Name

DLK1 delta-like 1 homolog (Drosophila) [Homo sapiens]

Official Symbol

DLK1

Synonyms

DLK1; delta-like 1 homolog (Drosophila); delta like homolog (Drosophila); protein delta homolog 1; Delta1; FA1; pG2; Pref 1; ZOG; DLK-1; secredetin; fetal antigen 1; preadipocyte factor 1; DLK; PREF1; Pref-1;

Gene ID

8788

mRNA Refseq

NM_003836

Protein Refseq

NP_003827

MIM

176290

UniProt ID

P80370

Chromosome Location

14q32

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Pathway

Activated NOTCH1 Transmits Signal to the Nucleus, organism-specific biosystem; Adipogenesis, organism-specific biosystem; FOXA2 and FOXA3 transcription factor networks, organism-specific biosystem; Notch signaling pathway, organism-specific biosystem; Signal Transduction, organism-specific biosystem; Signaling by NOTCH, organism-specific biosystem; Signaling by NOTCH1, organism-specific biosystem;

Function

molecular_function;

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