

## Active Recombinant Human DLK1, His-tagged

Cat. No. DLK1-195H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human DLK1 (Accession # AAA75364) Ala24-Pro297 (Arg248Pro) (Lys295Ser), fused with a C-terminal 6-His tag, was produced in Mouse myeloma cell line, NS0-derived.
<b>Species</b>	Human
<b>Source</b>	Mammalian Cells
<b>ProteinLength</b>	24-297 a.a.
<b>Predicted N Terminal</b>	Ala24 & Phe27
<b>Form</b>	Lyophilized from a 0.2 µ filtered solution in PBS with BSA as a carrier protein.
<b>Bio-activity</b>	Measured by its ability to inhibit adipocyte differentiation of mouse 3T3-L1 mouse embryonic fibroblast adipose-like cells. Smas, C.M. et al. (1993) Cell 73:725.3.3 ug/mL of Recombinant Human Pref-1/DLK-1/FA1 will inhibit adipocyte differentiation by more than 50%.
<b>Molecular Mass</b>	Recombinant Human DLK1, His-tagged has a calculated MW of 29.7 kDa. In SDS-PAGE migrates as 40-55 kDa, reducing conditions.
<b>Purity</b>	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
<b>Storage</b>	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In

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lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

**Reconstitution** Reconstitute at 250 µg/mL in PBS.

## 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](#); [secredeltin](#); [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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