Active Recombinant Human DLK1, His-tagged

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

SPECIFICATION

Product Overview	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.
Species	Human
Source	Mammalian Cells
ProteinLength	24-297 a.a.
Predicted N Terminal	Ala24 & Phe27
Form	Lyophilized from a 0.2 μm filtered solution in PBS with BSA as a carrier protein.
Bio-activity	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%.
Molecular Mass	Recombinant Human DLK1, His-tagged has a calculated MW of 29.7 kDa. In SDS-PAGE migrates as 40-55 kDa, reducing conditions.
Purity	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

	lyophilized state for 1 year (4ºC); After reconstitution under sterile conditions for 3 months (-70ºC).
Reconstitution	Reconstitute at 250 g/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

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA