

# Recombinant Full Length Human DLK1 Protein, GST-tagged

Cat. No. DLK1-3992HF Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Human DLK1 full-length ORF ( AAH07741.1, 25 a.a. - 383 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>ProteinLength</b>	25-383 amino acids
<b>Description</b>	This gene encodes a transmembrane protein that contains multiple epidermal growth factor repeats that functions as a regulator of cell growth. The encoded protein is involved in the differentiation of several cell types including adipocytes. This gene is located in a region of chromosome 14 frequently showing unparental disomy, and is imprinted and expressed from the paternal allele. A single nucleotide variant in this gene is associated with child and adolescent obesity and shows polar overdominance, where heterozygotes carrying an active paternal allele express the phenotype, while mutant homozygotes are normal. [provided by RefSeq, Nov 2015]
<b>Molecular Mass</b>	65.23 kDa
<b>AA Sequence</b>	ECFPACNPQNGFCEDDNVCRCQPGWQGPLCDQCVTSPGCLHGLCGEPGQCICTD GWDGELCDRDVVRACSSAPCANNGTCVSLDDGLYECSRAPGYSGKDCQKKDGPCV INGSPCQHGGTQVDDEGRASHASCLPPGFSGNFCEIVANSCTPNPCENDGVCTDI GGDFRCRCPAGFIDKTC SRPVTNCASSPCQNGGTCLQHTQVSYECLCKPEFTGLT CVKKRALSPQQVTRLPNGYGLAYRLTPGVHELPVQQPEHRILKVS MKELNKKTPLLT

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EGQAICFTILGVLTSLVVLGTVGIVFLNKCETWVSNLRYNHMLRKKKKNLLLQYNSGED  
LAVNIIFPEKIDMTTFSKEAGDEEI

<b>Applications</b>	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
<b>Notes</b>	Best use within three months from the date of receipt of this protein.
<b>Storage</b>	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

## GENE INFORMATION

<b>Gene Name</b>	DLK1 delta-like 1 homolog (Drosophila) [ Homo sapiens ]
<b>Official Symbol</b>	DLK1
<b>Synonyms</b>	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;
<b>Gene ID</b>	8788
<b>mRNA Refseq</b>	NM_003836
<b>Protein Refseq</b>	NP_003827
<b>MIM</b>	176290



UniProt ID

P80370

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