

Product datasheet for **TP302923M**

DLK (DLK1) (NM_003836) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human delta-like 1 homolog (Drosophila) (DLK1), 100 µg

Species: Human

Expression Host: HEK293T

**Expression cDNA Clone
or AA Sequence:** >RC202923 protein sequence
Red=Cloning site **Green**=Tags(s)

MTATEALLRVLLLLLAFGHSTYGAECFPACNPQNGFCEDDNVCRCQPWGQGPLCDQCVTSPGCLHGLCGE
PGQCICTDGWDGELCDRDVACSSAPCANNGTCSLDDGLYECSCAPGYSGKDCQKKDGPCVINGSPCQH
GGTCVDDEGRASHASCLCPPGFSGNFCEIVANSCTPNPCENDGVCTDIGGDFRCRCPAGFIDKTC SRPVT
NCASSPCQNGGTCLQHTQVSYECLCKPEFTGLTCVKKRALSPQVTRLPNGYGLAYRLTPGVHELVPVQQP
EHRILKVS MKELNKKTPLLTEGQAICFTILGVLTSVLVLTGTVGIVFLNKCETWWSNLRYNHMLRKKKNLL
LQYN SGEDLAVNIIFPEKIDMTTFSKEAGDEEI

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 38.7 kDa

Concentration: >0.05 µg/µL as determined by microplate BCA method

Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

Preparation: Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

Storage: Store at -80°C.

Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

RefSeq: [NP_003827](#)

Locus ID: 8788



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UniProt ID: [P80370](#), [A0A024R6L1](#), [A8K019](#)

RefSeq Size: 1599

Cytogenetics: 14q32.2

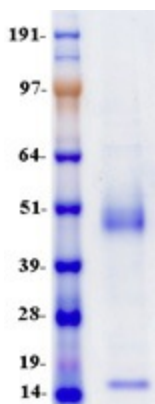
RefSeq ORF: 1149

Synonyms: Delta1; DLK; DLK-1; FA1; pG2; Pref-1; PREF1; ZOG

Summary: 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]

Protein Families: Druggable Genome, ES Cell Differentiation/IPS, Transmembrane

Product images:



Coomassie blue staining of purified DLK1 protein (Cat# [TP302923]). The protein was produced from HEK293T cells transfected with DLK1 cDNA clone (Cat# [RC202923]) using MegaTran 2.0 (Cat# [TT210002]).