

Product datasheet for TP720389M

DLK (DLK1) (NM_003836) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human delta-like 1 homolog (Drosophila) (DLK1)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	Ala24-Pro297
Tag:	C-His
Predicted MW:	30.1 kDa
Concentration:	lot specific
Purity:	>95% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	Provided lyophilized from a 0.2 μ m filtered solution of 20 mM Tris-HCl, 150 mM NaCl
Endotoxin:	< 0.1 EU per μ g protein as determined by LAL test
Reconstitution Method:	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. Dissolve the lyophilized protein in ddH2O. It is not recommended to reconstitute a concentration less than 100 µg/ml. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Storage:	Store at -80°C.
Stability:	Stable for at least 6 months from date of receipt under proper storage and handling conditions.
RefSeq:	<u>NP 003827</u>
Locus ID:	8788
UniProt ID:	<u>P80370, A0A024R6L1, A8K019</u>
Cytogenetics:	14q32.2
Synonyms:	Delta1; DLK; DLK-1; FA1; pG2; Pref-1; PREF1; ZOG



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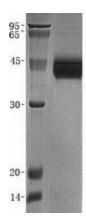
9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

GRIGENE DLK (DLK1) (NM_003836) Human Recombinant Protein – TP720389M

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:



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