

# Product Information

## MemDX™ Membrane Protein Human DLK1 (Delta like non-canonical Notch ligand 1) Full

### Length

Cat. No.: **MPC2837K**

This product is for research use only and is not intended for diagnostic use.

This product is a made-to-order Human DLK1 membrane protein expressed in HEK293. The protein is for research use only and is not approved for use in humans or in clinical diagnosis.

### Product Specifications

#### Host Species

Human

#### Target Protein

DLK1

#### Protein Length

Full length

#### Protein Class

Receptor

#### TMD

1

#### Sequence

MTATEALLRVLLLLAFGHSTYGAECFPACNPQNGFCEDDNVCRCQPGWQ  
GPLCDQCVTSPGCLHGLCGEPGQCICTDGWDGELCDRDVRACSSAPCANN  
RTCVSLDDGLYECSCAPGYSGKDCQKKDGPCVINGSPCQHGGTCVDDEGR  
ASHASCLCPPGFSGNFCEIVANSCTPNPCENDGVCTDIGGDFRCRCPAGF  
IDKTC SRPVTNCASSPCQNGGTCLQHTQVSYECLCKPEFTGLTCVKKRAL  
SPQQVTRLPSGYGLAYRLTPGVHELPPVQQPEHRILKVSMKELNKKTPLLT  
EGQAICFTILGVLTSLVVLGTVGIVFLNKCETWVSNLRYNHMLRKKKNLL  
LQYNSGEDLAVNIIFPEKIDMTTFSKEAGDEEI

### Product Description

#### Expression Systems

HEK293

#### Tag

Based on specific requirements

#### Protein Format

Detergent or based on specific requirements (Detergent, Liposome, Nanodisc, Polymer, VLP)

**Form**

Liquid

**Storage**

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -72°C or lower. Avoid freeze/thaw cycles.

**Target****Target Protein**

DLK1

**Full Name**

Delta like non-canonical Notch ligand 1

**Introduction**

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 uniparental 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.

**Alternative Names**

DLK1; DLK; FA1; ZOG; pG2; DLK-1; PREF1; Delta1; Pref-1; protein delta homolog 1; delta-like 1 homolog; fetal antigen 1; preadipocyte factor 1; securedeltin; Delta like non-canonical Notch ligand 1

**Gene ID**

[8788](#)

**UniProt ID**

[P80370](#)