

Product Information

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

Expressed in *E.coli* with 6xHis tag at the N-terminus for Antibody Discovery, Partial (24-303aa)

Cat. No.: **MPX4519K**

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

This product is a 33.8kDa Human DLK1 membrane protein expressed in *E.coli*. 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

Partial (24-303aa)

Protein Class

Receptor

Molecular Weight

33.8kDa

TMD

1

Sequence

AECFPACNPQNGFCEDDNVCRCQPGWQGPLCDQCVTSPGCLHGLCGEPGQCICTDGWDGELCDRDVIRACSSAPCANNRTCVS

Product Description

Expression Systems

E.coli

Tag

6xHis tag at the N-terminus

Protein Format

Soluble

Form

Liquid or Lyophilized powder

Purity

>90% as determined by SDS-PAGE

Buffer

Tris-based buffer, 50% glycerol

Storage

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -70°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; secredetin; Delta like non-canonical Notch ligand 1

Gene ID

[8788](#)

UniProt ID

[P80370](#)