

Product Information

MemDX™ Membrane Protein Human DLK1 (Delta like non-canonical Notch ligand 1) expressed in insect for Antibody Discovery

Cat. No.: **MP0153Q**

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

This product is a 30.7 kDa Human DLK1 membrane protein expressed in Insect. 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

Protein Class

Druggable Genome, ES Cell Differentiation/IPS, Transmembrane

Molecular Weight

30.7 kDa

TMD

1

Sequence

MTATEALLRVLLLLLAFGHSTYGAECFPACNPQNGFCEDDNVCRCQPGWQGPLCDQCVTSPGCLHGLCGEPGQCICTDGDGGEI

Product Description

Expression Systems

Insect

Tag

His

Form

Powder

Endotoxin

< 1.0 EU per 1 microgram of protein

Purity

>95% by SDS - PAGE

Buffer

10% glycerol

Storage

Store at +4°C for up to one week or several months at -80°C

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

Delta1; DLK; DLK-1; FA1; pG2; Pref-1; PREF1; ZOG; protein delta homolog 1; delta-like 1 homolog; fetal antigen 1; preadipocyte factor 1; secredelin

Gene ID

[8788](#)

UniProt ID

[P80370](#)