

PRODUCT INFORMATION

DLK1 **Target**

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

Recombinant human DLK1 protein with C-terminal **Description**

6×His tag

Delivery In Stock **Uniprot ID** P80370 **HEK293 Expression Host**

Tag C-6×His Tag

Molecular Characterization

DLK1(Ala24-Gln303) 6×His tag

The protein has a predicted molecular mass of

30.6 kDa after removal of the signal peptide. The apparent molecular mass of DLK1-His is **Molecular Weight**

approximately 35-55 kDa due to glycosylation.

The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue

Purity

staining.

Lyophilized from sterile PBS, pH 7.4. Normally 5 % Formulation & Reconstitution

- 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.

Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not

intended for use within a month, aliquot and store Storage & Shipping at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient

temperature.

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

Background 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]

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Usage Research use only

Conjugate Unconjugated





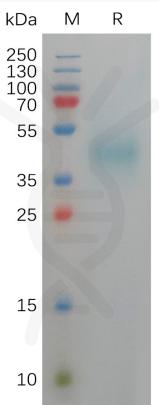


Figure 1. Human DLK1 Protein, His Tag on SDS-PAGE under reducing condition.

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