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32-18003: Recombinant Human DLK1 Protein, His Tag

Uniprot ID : P80370
Alternative Name : Delta1; DLK; DLK-1; FA1; pG2; Pref-1; PREF1; ZOG

Description

Molecular Characterization: DLK1(Ala24-Gln303) 6Ã—His tag
Molecular weight: 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 approximately 35-55 kDa due to glycosylation.
Description: Recombinant human DLK1 protein with C-terminal 6Ã—His tag
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.

Product Info

Amount :	100 µg / 50 µg
Content :	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization.
Storage condition :	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 at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.