Recombinant Human DLK1 Protein

Catalog No.: RP02662

Sequence Information

Species
Human

Gene ID
8788

Swiss Prot
P80370-1

Tags
C-His

Synonyms
pG2; FA1; DLK; DLK1; DLK-1; Pref1; secredeltin; ZOG

Product Information

Source
HEK293 cells

Purification
≥ 95 % as determined by Tris-Bis PAGE;≥ 95 % as determined by HPLC.

Calculated MW
30.9 kDa

Observed MW
40-50 kDa

Endotoxin
< 1 EU/μg of the protein by LAL method.

Formulation

Reconstitution
Centrifuge the tube before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stablizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

Background

paternally inherited genetic defects of DLK1 were identified in four families with nonsyndromic CPP and a metabolic phenotype. DLK1 encodes a transmembrane protein that is important for adipose tissue homeostasis and neurogenesis and is located in the imprinted chromosome 14q32 region associated with Temple syndrome.

Basic Information

Description
Recombinant Human DLK1 Protein is expressed from Expi293 with His tag at the C-terminal.; It contains Ala24-Gln303.

Activity

Shipping
Lyophilized proteins are shipped at ambient temperature.
Liquid proteins are shipped at frozen temperature with dry ice.
Upon receipt, store it immediately at the temperature recommended below.

Storage
Store at -20℃

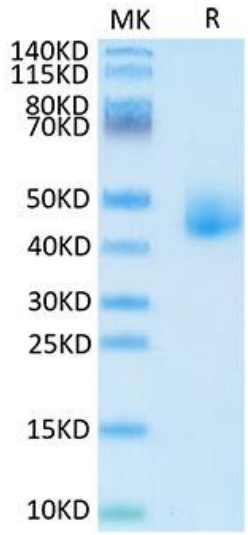
Operational Notes
For your safety and health, please wear a lab coat and disposable gloves for handling.

Contact

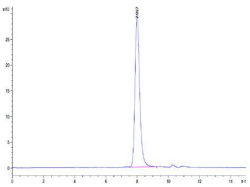
400-999-6126
cn.market@abclonal.com.cn
www.abclonal.com.cn

For research use only. Not for therapeutic or diagnostic purposes.
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Validation Data



Recombinant Human DLK1 Protein was determined by Tris-Bis PAGE under reducing conditions.



The purity of Human DLK1 is greater than 95% as determined by SEC-HPLC.