

Recombinant Human DLK1 Protein

Catalog No.: RP02662 **Recombinant**

Sequence Information

Species	Gene ID	Swiss Prot
Human	8788	P80370-1

Tags

C-His

Synonyms

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

Product Information

Source	Purification
HEK293 cells	> 95% as determined by Tris-Bis PAGE > 95% as determined by HPLC

Calculated MW	Observed MW
30.9 kDa	40-50 kDa

Endotoxin

Less than 1EU per µg by the 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 stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

Contact

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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

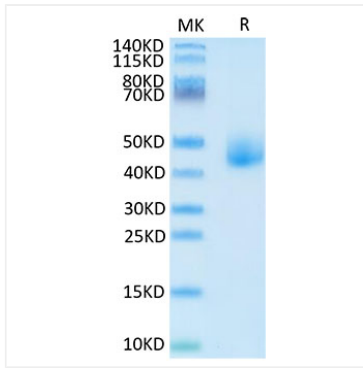
Recombinant Human DLK1 Protein is expressed from Expi293 with His tag at the C-terminal. It contains Ala24-Gln303.

Bio-Activity

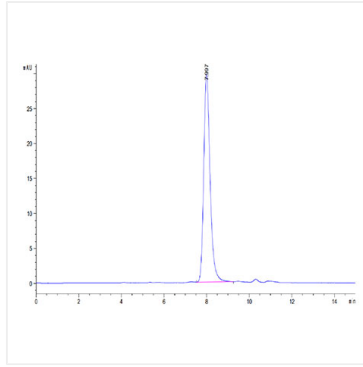
Storage

Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week. Avoid repeated freeze/thaw cycles.

Validation Data



Human DLK1 on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.



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