

Recombinant Mouse DLK1 Protein

Catalog No.: RP02871

Sequence Information

Species	Gene ID
Mouse	13386
Swiss Prot	Tags
Q09163	C-His

Synonyms

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

Product Information

Source	Purification
HEK293 cells	≥ 95 % as determined by SDS-PAGE. ≥ 95 % as determined by HPLC.

Calculated MW Observed MW

30.9 kDa 50-68 kDa

Endotoxin

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

Formulation

Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4.

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.

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 Mouse DLK1 Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Ala24-Gln305) of Mouse DLK1 (Accession #NP_034182.2) fused with 6×His tag at the C-terminus.

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°C

Operational Notes

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

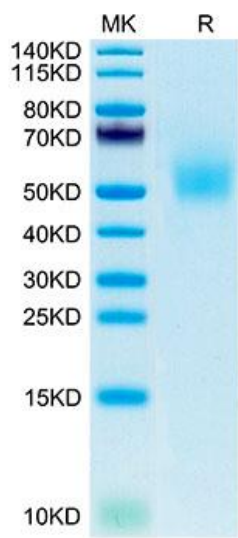
Contact

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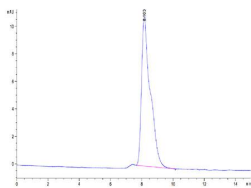
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Validation Data



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



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