

# Recombinant Mouse DLK1 Protein

Catalog No.: RP02871 **Recombinant**

## Sequence Information

Species	Gene ID	Swiss Prot
Mouse	13386	Q09163

### Tags

C-His

### Synonyms

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

## Product Information

Source	Purification
HEK293 cells	> 95% as determined by HPLC.

Calculated MW	Observed MW
30.9 kDa	50-68 kDa

### Endotoxin

<1EU/μg

### 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.

## Contact

☎ | 400-999-6126

✉ | [cn.market@abclonal.com.cn](mailto:cn.market@abclonal.com.cn)

🌐 | [www.abclonal.com.cn](http://www.abclonal.com.cn)

## 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.

### Bio-Activity

### Storage

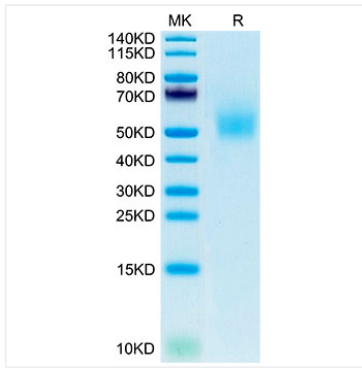
Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt.

After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

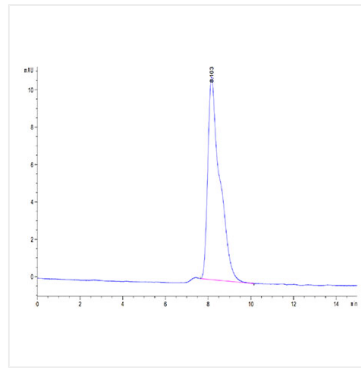
Avoid repeated freeze/thaw cycles.

## Validation Data

---



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



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