

Catalog No.: RP02662 **Recombinant**

Species	Gene ID	Swiss Prot
Human	8788	P80370-1

C-His

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

Source HEK293 cells	Purification ≥ 95 % as determined by Tris- Bis PAGE; ≥ 95 % as determined by HPLC.
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Calculated MW	Observed MW
30.9 kDa	40-50 kDa

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

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.

 | 400-999-6126

 | cn.market@abclonal.com.cn

 | www.abclonal.com.cn

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.

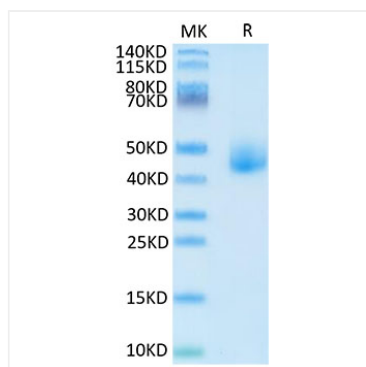
Recombinant Human DLK1 Protein is expressed from Expi293 with His tag at the C-terminal. It contains Ala24-Gln303.

The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.

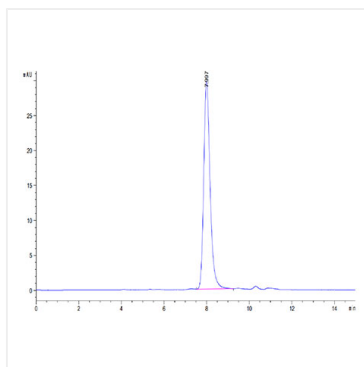
Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt.
After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.
Avoid repeated freeze/thaw cycles.

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

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.