

## Active Recombinant Human DLK1 protein, hFc-tagged

**Cat. No.** DLK1-583H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                   |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human DLK1 protein(P80370)(Ala24-Gln303), fused with hFc tag, was expressed in HEK293.                                                                                                                |
| <b>Species</b>          | Human                                                                                                                                                                                                             |
| <b>Source</b>           | HEK293                                                                                                                                                                                                            |
| <b>ProteinLength</b>    | Ala24-Gln303                                                                                                                                                                                                      |
| <b>Form</b>             | Lyophilized from 0.22 µm filtered solution in PBS, pH7.4.                                                                                                                                                         |
| <b>Bio-activity</b>     | When Recombinant Human DLK1 /hFC Protein is immobilized at 2µg/mL (100 µL/well), the concentration of Anti Human DLK1 antibody(18A5) that produces 50% of the optimal binding response is approximately 30 ng/mL. |
| <b>Molecular Mass</b>   | The protein has a calculated MW of 54kDa.The reducing (R) heterodimer protein migrates as 60-80 kDa due to glycosylation                                                                                          |
| <b>Endotoxin</b>        | <1EU/mg                                                                                                                                                                                                           |
| <b>Purity</b>           | SDS-PAGE>95%SEC>90%                                                                                                                                                                                               |
| <b>Storage</b>          | Store at -20°C.                                                                                                                                                                                                   |
| <b>Reconstitution</b>   | sterile H400                                                                                                                                                                                                      |

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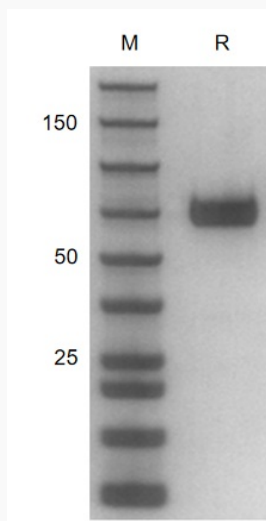
 45-1 Ramsey Road, Shirley, NY 11967, USA

## GENE INFORMATION

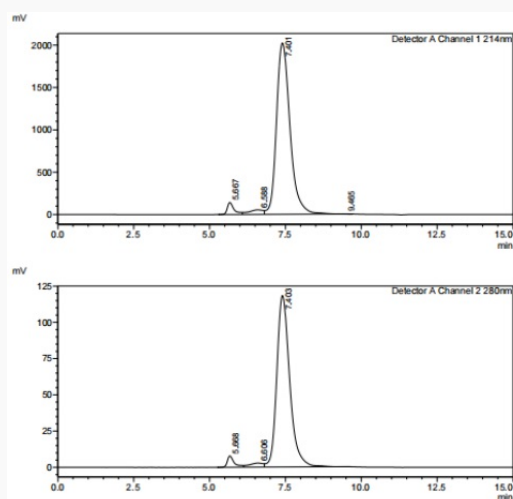
|                 |                                                                                                                                                                                                                  |
|-----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Gene Name       | DLK1 delta-like 1 homolog (Drosophila) [ Homo sapiens ]                                                                                                                                                          |
| Official Symbol | DLK1                                                                                                                                                                                                             |
| Synonyms        | DLK1; delta-like 1 homolog (Drosophila); delta like homolog (Drosophila); protein delta homolog 1; Delta1; FA1; pG2; Pref 1; ZOG; DLK-1; secredelin; fetal antigen 1; preadipocyte factor 1; DLK; PREF1; Pref-1; |
| Gene ID         | 8788                                                                                                                                                                                                             |
| mRNA Refseq     | NM_003836                                                                                                                                                                                                        |
| Protein Refseq  | NP_003827                                                                                                                                                                                                        |
| MIM             | 176290                                                                                                                                                                                                           |
| UniProt ID      | P80370                                                                                                                                                                                                           |

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## SDS-PAGE



## SDS-HPLC

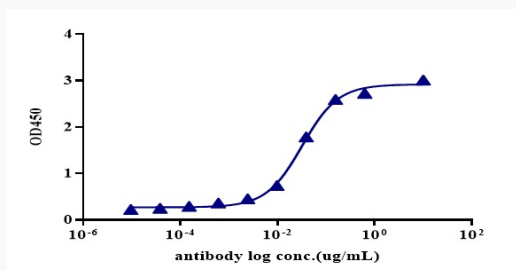


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## ELISA



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