

## Recombinant Human DCLK1 Protein

**Cat. No.** DCLK1-2365H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                            |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human DCLK1 Protein(O15075-1) (Met 1-Val 705) was expressed and purified in Insect Cells with two additional amino acids (Gly & Pro) at the N-terminus.                                                                        |
| <b>Species</b>          | Human                                                                                                                                                                                                                                      |
| <b>Source</b>           | Insect Cells                                                                                                                                                                                                                               |
| <b>ProteinLength</b>    | 1-705 aa                                                                                                                                                                                                                                   |
| <b>Form</b>             | Lyophilized from sterile 20mM Tris, 500mM NaCl, 10% glycerol, pH 7.4.                                                                                                                                                                      |
| <b>Molecular Mass</b>   | The secreted recombinant human DCLK1 consists of 707 amino acids and predicts a molecular mass of 78.5 KDa. The apparent molecular mass of the protein is approximately 64 KDa in SDS-PAGE under reducing conditions due to glycosylation. |
| <b>Endotoxin</b>        | < 1.0 EU per µg of the protein as determined by the LAL method.                                                                                                                                                                            |
| <b>Purity</b>           | > 85 % as determined by SDS-PAGE                                                                                                                                                                                                           |
| <b>Storage</b>          | Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.                                                       |
| <b>Reconstitution</b>   | It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.                                                              |

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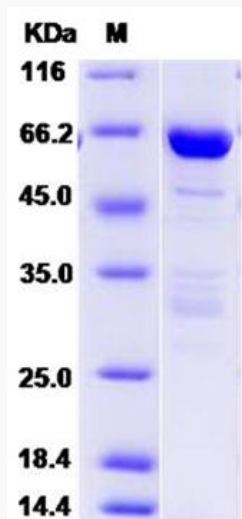
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## GENE INFORMATION

|                 |                                                                                                                                                                                                                                                                                              |
|-----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Gene Name       | DCLK1 doublecortin-like kinase 1 [ Homo sapiens ]                                                                                                                                                                                                                                            |
| Official Symbol | DCLK1                                                                                                                                                                                                                                                                                        |
| Synonyms        | DCLK1; doublecortin-like kinase 1; DCAMKL1, doublecortin and CaM kinase like 1; serine/threonine-protein kinase DCLK1; DCDC3A; DCLK; KIAA0369; doublecortin and CaM kinase-like 1; doublecortin-like and CAM kinase-like 1; doublecortin domain-containing protein 3A; CL1; CLICK1; DCAMKL1; |
| Gene ID         | 9201                                                                                                                                                                                                                                                                                         |
| mRNA Refseq     | NM_001195415                                                                                                                                                                                                                                                                                 |
| Protein Refseq  | NP_001182344                                                                                                                                                                                                                                                                                 |
| MIM             | 604742                                                                                                                                                                                                                                                                                       |
| UniProt ID      | O15075                                                                                                                                                                                                                                                                                       |

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## SDS-PAGE



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