

Recombinant Human DCLK1 protein(Met1-Val705)

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

SPECIFICATION

Product Overview	Recombinant Human DCLK1 (O15075-1) (Met 1-Val 705) was expressed and purified in Insect Cells with two additional amino acids (Gly & Pro) at the N-terminus.
Species	Human
Source	Insect Cells
ProteinLength	Met1-Val705
Form	Supplied as sterile 20mM Tris, 500mM NaCl, 10% glycerol, pH 7. 4.
Bio-activity	The specific activity was determined to be > 3.5 nmol/min/mg using synthetic Autocamide-2 peptide (KKALRRQETVDAL-amide) as substrate.
Molecular Mass	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.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 80 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution 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.

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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