

## Active Recombinant Human DCLK1 Protein, His & GST-tagged

Cat. No. DCLK1-324H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant human DCLK1 (O15075-1) (Met 1-Val 705) was fused with the N-terminal polyhistidine-tagged GST tag at the N-terminus.
<b>Species</b>	Human
<b>Source</b>	Insect Cells
<b>ProteinLength</b>	1-705 a.a.
<b>Predicted N Terminal</b>	Met
<b>Form</b>	Supplied as sterile 20mM Tris, 500mM NaCl, pH 7.4, 10% gly, 0.5mM PMSF.
<b>Bio-activity</b>	The specific activity was determined to be 6.1 nmol/min/mg using synthetic Autocamide-2 peptide (KKALRRQETVDAL-amide) as substrate.
<b>Molecular Mass</b>	The recombinant human DCLK1/GST chimera consists of 942 amino acids and has a calculated molecular mass of 106 KDa. It migrates as an approximately 105 KDa band as predicted in SDS-PAGE under reducing conditions.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method.
<b>Purity</b>	>84 % as determined by SDS-PAGE.
<b>Stability</b>	Samples are stable for up to twelve months from date of receipt at -70°C.

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**Storage** Store it under sterile conditions at -20°C~-70°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

## 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](#)

**Chromosome Location** 13q13.3

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