Active Recombinant Human DCLK1 Protein, His&GST-tagged

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

SPECIFICATION

Product Overview	Active Recombinant Human DCLK1 Protein(O15075-1) (Met 1-Val 705) was expressed in Insect Cells, fused with the N-terminal polyhistidine-tagged GST tag at the N-terminus.
Species	Human
Source	Insect Cells
ProteinLength	1-705 aa
Form	Supplied as sterile 20mM Tris, 500mM NaCl, pH 7.4, 10% gly, 0.5mM PMSF.
Bio-activity	The specific activity was determined to be 6.1 nmol/min/mg using synthetic Autocamtide-2 peptide (KKALRRQETVDAL-amide) as substrate.
Molecular Mass	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.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method.
Purity	> 84 % as determined by SDS-PAGE
Storage	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-

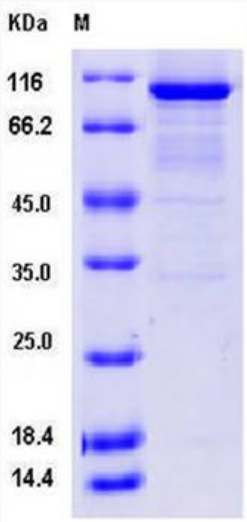
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	thaw cycles.
Concentration	0.1-1.0 mg/ml

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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