

Bioactive

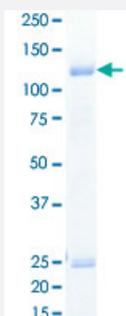
Full-Length

# DCLK2 (Human) Recombinant Protein

Catalog # P5533

Size 5 ug

## Applications



### Result of activity analysis

Result of activity analysis

## Specification

<b>Product Description</b>	Human DCLK2 (NP_689832.1, 1 a.a. - 695 a.a.) full-length recombinant protein with GST tag expressed in baculovirus infected Sf21 cells.
<b>Host</b>	insect
<b>Theoretical MW (kDa)</b>	103
<b>Form</b>	Liquid
<b>Preparation Method</b>	Baculovirus infected insect cell (Sf21) expression system
<b>Purification</b>	Glutathione sepharose chromatography
<b>Purity</b>	64 % by SDS-PAGE/CBB staining

<b>Activity</b>	The activity was measured by off-chip mobility shift assay. The enzyme was incubated with fluorescence-labeled substrate and Mg(or Mn)/ATP. The phosphorylated and unphosphorylated substrates were separated and detected by LabChip 3000. Substrate: GS peptide. ATP: 100 $\mu$ M.
<b>Quality Control Testing</b>	Loading 1 $\mu$ g protein in SDS-PAGE
<b>Storage Buffer</b>	In 50 mM Tris-HCl, 150 mM NaCl, pH 7.5 (0.1% CHAPS, 1 mM DTT, 10% glycerol)
<b>Storage Instruction</b>	Store at $-80^{\circ}\text{C}$ . Aliquot to avoid repeated freezing and thawing.
<b>Note</b>	Result of activity analysis Result of activity analysis

## Applications

- Functional Study
- SDS-PAGE

## Gene Info — DCLK2

<b>Entrez GeneID</b>	<a href="#">166614</a>
<b>Protein Accession#</b>	<a href="#">NP_689832.1</a>
<b>Gene Name</b>	DCLK2
<b>Gene Alias</b>	DCAMKL2, DCDC3, DCDC3B, DCK2, DKFZp761I032, MGC45428
<b>Gene Description</b>	doublecortin-like kinase 2
<b>Gene Ontology</b>	<a href="#">Hyperlink</a>
<b>Other Designations</b>	doublecortin and CaM kinase-like 2