

Bioactive

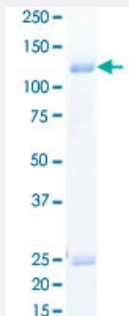
Full-Length

DCLK2 (Human) Recombinant Protein

Catalog # P5533

Size 5 ug

Applications



Result of activity analysis

Result of activity analysis

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Specification

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

Activity	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 μ M.
Quality Control Testing	Loading 1 μ g protein in SDS-PAGE
Storage Buffer	In 50 mM Tris-HCl, 150 mM NaCl, pH 7.5 (0.1% CHAPS, 1 mM DTT, 10% glycerol)
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Result of activity analysis Result of activity analysis

Applications

- Functional Study
- SDS-PAGE

Gene Info — DCLK2

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