

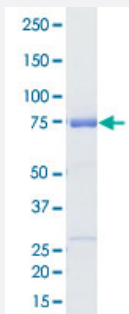
Bioactive

CDC42BPG (Human) Recombinant Protein

Catalog # P5537

Size 5 ug

Applications



Result of activity analysis

Result of activity analysis

□

Specification

Product Description	Human CDC42BPG (NP_059995.2, 1 a.a. - 473 a.a.) partial recombinant protein with GST tag expressed in baculovirus infected Sf21 cells.
Host	insect
Theoretical MW (kDa)	81
Form	Liquid
Preparation Method	Baculovirus infected insect cell (Sf21) expression system
Purification	Glutathione sepharose chromatography
Purity	87 % 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: DAPK1tide. 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 — CDC42BPG

Entrez GeneID	55561
Protein Accession#	NP_059995.2
Gene Name	CDC42BPG
Gene Alias	DMPK2, HSMDPKIN, KAPPA-200, MRCKgamma
Gene Description	CDC42 binding protein kinase gamma (DMPK-like)
Gene Ontology	Hyperlink
Other Designations	myotonic dystrophy protein kinase like protein