

Bioactive

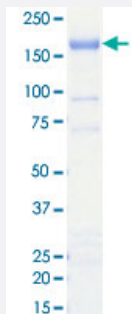
Full-Length

SIK2 (Human) Recombinant Protein

Catalog # P5628

Size 5 ug

Applications



Result of activity analysis

Result of activity analysis

Specification

Product Description	Human SIK2 (NP_056006.1, 1 a.a. - 926 a.a.) full-length recombinant protein with GST tag expressed in baculovirus infected Sf21 cells.
Host	insect
Theoretical MW (kDa)	132
Form	Liquid
Preparation Method	Baculovirus infected insect cell (Sf21) expression system
Purification	Glutathione sepharose chromatography
Purity	73 % 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: AMARA peptide. ATP: 100 uM.
Quality Control Testing	Loading 1 ug protein in SDS-PAGE
Storage Buffer	In 50 mM Tris-HCl, 150 mM NaCl, pH 7.5 (0.05% Brij35, 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 — SIK2

Entrez GeneID	23235
Protein Accession#	NP_056006.1
Gene Name	SIK2
Gene Alias	DKFZp434K1115, KIAA0781, LOH11CR1I, QIK, SNF1LK2
Gene Description	salt-inducible kinase 2
Omim ID	608973
Gene Ontology	Hyperlink
Other Designations	SNF1-like kinase 2 salt-inducible serine/threonine kinase 2

Disease

- [Tobacco Use Disorder](#)