

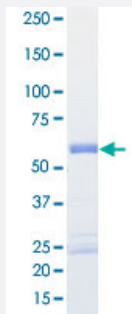
Bioactive

Full-Length

PIM3 (Human) Recombinant Protein

Catalog # P5623 Size 5 ug

Applications



Result of activity analysis

Result of activity analysis

Specification

Product Description	Human PIM3 (NP_001001852.1, 1 a.a. - 326 a.a.) full-length recombinant protein with GST tag expressed in baculovirus infected Sf21 cells.
Host	insect
Theoretical MW (kDa)	63
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: S6K2 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 — PIM3

Entrez GeneID	415116
Protein Accession#	NP_001001852.1
Gene Name	PIM3
Gene Alias	pim-3
Gene Description	pim-3 oncogene
Omim ID	610580
Gene Ontology	Hyperlink
Gene Summary	PIM3 belongs to a family of protooncogenes that encode serine/threonine protein kinases (Mikkers et al., 2004 [PubMed 15199164]).[supplied by OMIM]
Other Designations	serine/threonine kinase Pim-3 serine/threonine-protein kinase pim-3