

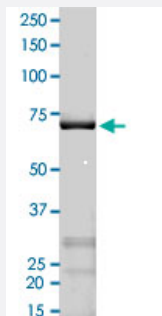
Bioactive

Full-Length

PBK (Human) Recombinant Protein

Catalog # P4746 Size 100 ug

Applications



Result of activity analysis

Result of activity analysis

Specification

Product Description	Human PBK (NM_018492, 1 a.a. - 322 a.a.) full-length recombinant protein with GST-His tag expressed in Sf9 cells.
Host	insect
Theoretical MW (kDa)	67.521
Form	Liquid
Preparation Method	Insect cell (Sf9) expression system
Purification	One-step affinity purification using GSH agarose
Concentration	0.256 ug/uL

Activity	4 pmol/ug x min
Quality Control Testing	2 ug/lane SDS-PAGE Stained with Coomassie Blue
Storage Buffer	In 50 mM Tris-HCl, 100 mM NaCl, pH 8.0. (5 mM DTT, 4 mM reduced glutathione, 20% 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 — PBK

Entrez GeneID	55872
Protein Accession#	NM_018492
Gene Name	PBK
Gene Alias	FLJ14385, Nori-3, SPK, TOPK
Gene Description	PDZ binding kinase
Omim ID	611210
Gene Ontology	Hyperlink
Gene Summary	This genes encodes a serine/threonine kinase related to the dual specific mitogen-activated protein kinase kinase (MAPKK) family. Evidence suggests that mitotic phosphorylation is required for its catalytic activity. This mitotic kinase may be involved in the activation of lymphoid cells and support testicular functions, with a suggested role in the process of spermatogenesis. [provided by RefSeq]
Other Designations	MAPKK-like protein kinase PDZ-binding kinase T-LAK cell-originated protein kinase serine/threonine protein kinase spermatogenesis-related protein kinase

Disease

- [Genetic Predisposition to Disease](#)
- [Kidney Failure](#)
- [Tobacco Use Disorder](#)