

## Recombinant Human PDZ Binding Kinase, His-tagged

Cat. No. PBK-377H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant humanPBK was expressed in Insect cells with a His tag. Its molecular weight is41000 Dalton.
<b>Species</b>	Human
<b>Source</b>	Insect Cells
<b>Description</b>	PBK is aserine/threonine kinase that is related to the dual specificmitogen-activated protein kinase kinase (MAPKK). The kinase is up-regulatedin a variety of hematological malignancies, participates in activatinglymphoid cells, and supports testicular function (spermatogenesis). Nospecial measures were taken to activate this kinase.
<b>Form</b>	Liquid in 50 mMTris, pH 7.5 + 150 mM NaCl + 0.5 mM EDTA + 0.02% Triton X-100 + 2 mM DTT +50% glycerol.
<b>Molecular Weight</b>	41.0 kDa
<b>Storage</b>	Stable for 6 monthsin working aliquots at -80°C. Avoid repeated freeze-thaw cycles.
<b>OfficialSymbol</b>	PBK

### GENE INFORMATION

<b>Gene Name</b>	PBK PDZ binding kinase [ Homo sapiens ]
------------------	---

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

<b>Synonyms</b>	PBK; PDZ bindingkinase; SPK; CT84; TOPK; Nori-3; FLJ14385; PDZ-binding kinase; cancer/testisantigen 84; Cancer/testis antigen 84; MAPKK-like protein kinase;serine/threonine protein kinase; T-LAK cell-originated protein kinase;Spermatogenesis-related protein kinase; EC 2.7.12.2; Lymphokine-activatedkiller T-cell-originated protein kinase
<b>Gene ID</b>	<a href="#">55872</a>
<b>mRNA Refseq</b>	<a href="#">NM_018492</a>
<b>Protein Refseq</b>	<a href="#">NP_060962</a>
<b>MIM</b>	<a href="#">611210</a>
<b>UniProt ID</b>	Q96KB5
<b>Chromosome Location</b>	8p21.2
<b>Function</b>	ATP binding;nucleotide binding; protein binding; protein serine/threonine kinase activity

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA