

Recombinant Human PDZ Binding Kinase, His-tagged

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

SPECIFICATION

Product Overview	Recombinant humanPBK was expressed in Insect cells with a His tag. Its molecular weight is41000 Dalton.
Species	Human
Source	Insect Cells
Description	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.
Form	Liquid in 50 mMTris, pH 7.5 + 150 mM NaCl + 0.5 mM EDTA + 0.02% Triton X-100 + 2 mM DTT +50% glycerol.
Molecular Weight	41.0 kDa
Storage	Stable for 6 monthsin working aliquots at -80°C. Avoid repeated freeze-thaw cycles.
OfficialSymbol	PBK

GENE INFORMATION

Gene Name	PBK PDZ binding kinase [Homo sapiens]
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Synonyms	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
Gene ID	55872
mRNA Refseq	NM_018492
Protein Refseq	NP_060962
MIM	611210
UniProt ID	Q96KB5
Chromosome Location	8p21.2
Function	ATP binding;nucleotide binding; protein binding; protein serine/threonine kinase activity