

Recombinant Human PBK Protein, MYC/DDK-tagged

Cat. No. PBK-427H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant human PBK protein, fused to MYC/DDK tag at C-terminus, was expressed in HEK293.
Species	Human
Source	HEK293
Description	This gene encodes a serine/threonine protein kinase related to the dual specific mitogen-activated protein kinase kinase (MAPKK) family. Evidence suggests that mitotic phosphorylation is required for its catalytic activity. The encoded protein may be involved in the activation of lymphoid cells and support testicular functions, with a suggested role in the process of spermatogenesis. Overexpression of this gene has been implicated in tumorigenesis. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2013].
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.
Molecular Mass	35.9 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

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Gene Name	PDZ binding kinase [Homo sapiens]
Official Symbol	PBK
Synonyms	CT84; HEL164; Nori-3; SPK; TOPK
Gene ID	55872
mRNA Refseq	NM_018492.2
Protein Refseq	NP_060962.2
MIM	611210
UniProt ID	Q96KB5

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