

Recombinant Human PBK protein, T7/His-tagged

Cat. No. PBK-229H **Lot. No.** (See product label)

SPECIFICATION

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|-------------------------|---|
| Product Overview | Recombinant human PBK cDNA (2 – 322 aa, derived from BC015191) fused with T7-His-TEV cleavage site Tag at N-terminal was expressed in E. coli. |
| Species | Human |
| Source | E.coli |
| ProteinLength | 2-322 a.a. |
| Form | 1.0 mg/ml, sterile-filtered, in 20 mM pH 8.0 Tris-HCl Buffer, with proprietary formulation of NaCl, KCl, EDTA, arginine, DTT and Sucrose. |
| AA Sequence | MASMTGGQQMGRGRGHHHHHENLYFQGGFEGISNFKTPSKLSEKKKSVLCSTPTI NIPASPFMQKLGFGTGVNVY LMKRSPRGLSHSPWAVKKINPICNDHYRSVYQKRLM DEAKILKSLHHPNIVGYRAFTEANDGSLCLAMEYGGEEKS LNDLIEERYKASQDPFPA AIIKVALNMARGLKYLHQEKLLHGDIKSSNVVIKGFETIKICDVGVSPLDENM TV TDPEACYIGTEPWKPKEAVEENGVIDKADIFAFGLTLWEMMTLSIPHINLSNDDDDDE DKTFDESDFDDEAYY AALGTRPPINMEELDESYQKVIELFSVCTNEDPKDRPSAAHI VEALETDV |
| Purity | >90% by SDS-PAGE |
| Storage | Keep at -80 centigrade for long term storage. Product is stable at 4 centigrade for at least 7 days. |

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GENE INFORMATION

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|----------------------------|---|
| Gene Name | PBK PDZ binding kinase [Homo sapiens] |
| Official Symbol | PBK |
| Synonyms | PBK; PDZ binding kinase; lymphokine-activated killer T-cell-originated protein kinase; cancer/testis antigen 84; CT84; FLJ14385; Nori 3; SPK; T LAK cell originated protein kinase; TOPK; PDZ-binding kinase; MAPKK-like protein kinase; serine/threonine protein kinase; T-LAK cell-originated protein kinase; spermatogenesis-related protein kinase; Nori-3; |
| 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; |

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