

# Recombinant Human PBK protein, His-tagged

**Cat. No.** PBK-5955H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human PBK protein(Q96KB5)(1-322aa), fused to N-terminal His tag, was expressed in E. coli.                                                                                                                                                         |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                          |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                         |
| <b>ProteinLength</b>    | 1-322aa                                                                                                                                                                                                                                                        |
| <b>Form</b>             | If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.                             |
| <b>Molecular Mass</b>   | 42.1 kDa                                                                                                                                                                                                                                                       |
| <b>Purity</b>           | Greater than 85% as determined by SDS-PAGE.                                                                                                                                                                                                                    |
| <b>Storage</b>          | Store at -20°C/-255°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.                                                                                                                                                |
| <b>Reconstitution</b>   | Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 225%. |

## GENE INFORMATION

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

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

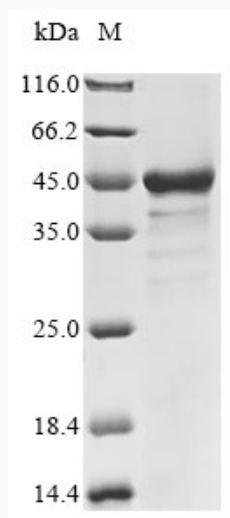
 45-1 Ramsey Road, Shirley, NY 11967, USA

|                        |                                                                                                                                                                                                                                                                                                                                                                 |
|------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | PBK PDZ binding kinase [ Homo sapiens ]                                                                                                                                                                                                                                                                                                                         |
| <b>Official Symbol</b> | PBK                                                                                                                                                                                                                                                                                                                                                             |
| <b>Synonyms</b>        | 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; |
| <b>Gene ID</b>         | 55872                                                                                                                                                                                                                                                                                                                                                           |
| <b>mRNA Refseq</b>     | NM_018492                                                                                                                                                                                                                                                                                                                                                       |
| <b>Protein Refseq</b>  | NP_060962                                                                                                                                                                                                                                                                                                                                                       |
| <b>MIM</b>             | 611210                                                                                                                                                                                                                                                                                                                                                          |
| <b>UniProt ID</b>      | Q96KB5                                                                                                                                                                                                                                                                                                                                                          |

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**SDS-PAGE**

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