

# Product Data Sheet

## Recombinant Human PBK/TOPK Protein

| Catalog #                 | Source                                                                                                                                                                                                                                                          | Reactivity | Applications |
|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|--------------|
| CST1846                   | E. coli                                                                                                                                                                                                                                                         | H          |              |
| <b>Description</b>        | Recombinant Human PBK/TOPK Protein is produced by E. coli expression system and the target gene encoding Ser11-Thr320 is expressed with C-terminus His tag.                                                                                                     |            |              |
| <b>Form</b>               | Liquid in a 0.2 µm filtered solution of PBS, pH 7.4.                                                                                                                                                                                                            |            |              |
| <b>Gene Symbol</b>        | PBK                                                                                                                                                                                                                                                             |            |              |
| <b>Alternative Names</b>  | TOPK; Lymphokine-activated killer T-cell-originated protein kinase; Cancer/testis antigen 84; CT84; MAPKK-like protein kinase; Nori-3; PDZ-binding kinase; Spermatogenesis-related protein kinase; SPK; T-LAK cell-originated protein kinase                    |            |              |
| <b>Entrez Gene</b>        | 55872                                                                                                                                                                                                                                                           |            |              |
| <b>SwissProt</b>          | Q96KB5                                                                                                                                                                                                                                                          |            |              |
| <b>Purity</b>             |                                                                                                                                                                                                                                                                 |            |              |
| <b>Chemical Structure</b> | SKLSEKKKSV LCSTPTINIP ASPFMQKLGF GTGVNVYLMK RSPRGLSHSP WAVKKINPIC NDHYRSVYQK RLMDEAKILK SLHHPNIVGY RAFTEANDGS LCLAMEYGGG KSLNDLIEER YKASQDPFPA AIILKVALNM ARGLKYLHQE KKLLHGDIKS SNVVIKGDFF TIKICDVGVS LPLDENMTVT DPEACYIGTE PWKPKEAVEE NGVITDKADI FAFGLTLWEM MT |            |              |
| <b>Quality Control</b>    |                                                                                                                                                                                                                                                                 |            |              |
| <b>Directions for Use</b> | Always centrifuge tubes before opening. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.                                                                                                                                               |            |              |
| <b>Storage/Stability</b>  | Store it at -20°C to -80°C for one year. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.                                                                                                                |            |              |

**Application key:** E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

**Species reactivity key:** H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

### COHESION BIOSCIENCES LIMITED

**WEB**  
www.cohesionbio.com

**ORDER**  
order@cohesionbio.com

**SUPPORT**  
techsupport@cohesionbio.com

**CUSTOM**  
custom@cohesionbio.com