

## Recombinant Human PBK Protein (M1-V322), GST tagged

Cat. No. PBK-0819H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human GST-TEV-PBK(M1-V322 end) Protein was expressed in Insect cell.
<b>Species</b>	Human
<b>Source</b>	Insect Cells
<b>ProteinLength</b>	M1-V322
<b>Description</b>	Phosphorylates MAP kinase p38. Seems to be active only in mitosis. May also play a role in the activation of lymphoid cells. When phosphorylated, forms a complex with TP53, leading to TP53 destabilization and attenuation of G2/M checkpoint during doxorubicin-induced DNA damage.
<b>Form</b>	Liquid
<b>Endotoxin</b>	< 0.01 EU per µg of the protein
<b>Purity</b>	90%
<b>Stability</b>	Samples are stable for up to twelve months from date of receipt at -20 to -80 centigrade.
<b>Storage</b>	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

 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

**Storage Buffer** Supplied as sterile 50 mM Tris-HCl (pH7.5), 200 mM NaCl, 20% glycerol

**Shipping** It is shipped out with blue ice.

## GENE INFORMATION

**Gene Name** PBK PDZ binding kinase [ Homo sapiens (human) ]

**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

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