

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

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

SPECIFICATION

Product Overview	Recombinant Human GST-TEV-PBK(M1-V322 end) Protein was expressed in Insect cell.
Species	Human
Source	Insect Cells
ProteinLength	M1-V322
Description	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.
Form	Liquid
Endotoxin	< 0.01 EU per µg of the protein
Purity	90%
Stability	Samples are stable for up to twelve months from date of receipt at -20 to -80 centigrade.
Storage	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.

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Storage Buffer	Supplied as sterile 50 mM Tris-HCl (pH7.5), 200 mM NaCl, 20% glycerol
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Shipping	It is shipped out with blue ice.
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GENE INFORMATION

Gene Name	PBK PDZ binding kinase [Homo sapiens (human)]
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Official Symbol	PBK
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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;
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Gene ID	55872
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mRNA Refseq	NM_018492
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Protein Refseq	NP_060962
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MIM	611210
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UniProt ID	Q96KB5
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