

Datasheet for ABIN7544543  
**PBK Protein (AA 1-322) (His tag)**



[Go to Product page](#)

## Overview

Quantity:	1 mg
Target:	PBK
Protein Characteristics:	AA 1-322
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PBK protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

## Product Details

Purpose:	Custom-made recombinat PBK Protein expressed in mammalien cells.
Sequence:	MEGISNFKTP SKLSEKKS SV LCSTPTINIP ASPFMQKLG F GTGVNVYLMK RSPRGLSHSP WAVKKINPIC NDHYRSVYQK RLMDEAKILK SLHHPNIVGY RAFTEANDGS LCLAMEYGGE KSLNDLIEER YKASQDPFPA AILKVALNM ARGLKYLHQE KLLHGDIKS SNVVIKGD FE TIKICDVGV S LPLDENMTVT DPEACYIGTE PWKPKEAVEE NGVITDKADI FAFGLTLWEM MTLSIPHINL SNDDDEDKT FDESDFDEA YYAALGTRPP INMEELDESY QKVIELFSVC TNEDPKDRPS AAHIVEALET DV <b>Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.</b>

Characteristics:	Key Benefits: <ul style="list-style-type: none"><li>• Made to order protein - from design to production - by highly experienced protein experts.</li></ul>
------------------	--

## Product Details

---

- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

---

Purity:	> 90 % as determined by Bis-Tris Page, Western Blot
---------	---

---

Grade:	custom-made
--------	-------------

## Target Details

---

Target:	PBK
---------	-----

---

Alternative Name:	PBK ( <a href="#">PBK Products</a> )
-------------------	--------------------------------------

---

Background:	Lymphokine-activated killer T-cell-originated protein kinase (EC 2.7.12.2) (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),FUNCTION: 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. {ECO:0000269 PubMed:10781613, ECO:0000269 PubMed:17482142}.
-------------	---

---

Molecular Weight:	36.1 kDa
-------------------	----------

---

UniProt:	<a href="#">Q96KB5</a>
----------	------------------------

## Application Details

---

Application Notes:	In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.
--------------------	--

---

## Application Details

---

Restrictions: For Research Use only

## Handling

---

Format: Liquid

Buffer: The buffer composition is at the discretion of the manufacturer.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -80 °C

Storage Comment: Store at -80°C.

Expiry Date: 12 months