

Recombinant Full Length Human PBK Protein, C-Flag-tagged

Cat. No. PBK-2116HFL Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human PBK Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	This gene encodes a coiled-coil domain-containing protein that functions in mitotic spindle formation and chromosome segregation. The encoded protein plays a role in coordinating microtubule attachment by promoting recruitment of dynein proteins, and in mitotic checkpoint signaling.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	35.9 kDa
AA Sequence	MEGISNFKTPSKLSEKKKSVLCSTPTINIPASPFMQKLGFGTGVNVYLMKRSPRGLS HSPWAVKKINPIC NDHYRSVYQKRLMDEAKILKSLHHPNIVGYRAFTEANDGSLCLA MEYGGKSLNDLIEERYKASQDPFPA AILKVALNMARGLKYLHQEKLLHGDIKSSN VVIKGFETIKICDVGVSPLDENMTVTDPEACYIGTE PWKPKEAVEENGVITDKADI FAFGLTLWEMMTLSIPHINLSNDDDDDEDKTFDESDFDDEAYYAALGTRPP INMEELD ESYQKVIELFSVCTNEDPKDRPSAAHIVEALETDV TRTRPLEQKLISEEDLAANDILD YKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.

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Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Druggable Genome, Protein Kinase
Full Length	Full L.

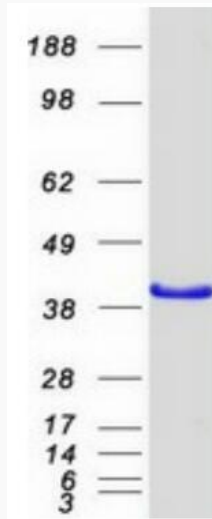
GENE INFORMATION

Gene Name	PBK PDZ binding kinase [Homo sapiens (human)]
Official Symbol	PBK
Synonyms	SPK; CT84; TOPK; HEL164; Nori-3
Gene ID	55872
mRNA Refseq	NM_018492.4
Protein Refseq	NP_060962.2
MIM	611210
UniProt ID	Q96KB5

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Coomassie blue staining of purified PBK protein.

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