

Datasheet for ABIN7559420
PKN3 Protein (AA 1-878) (His tag)



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Overview

Quantity:	1 mg
Target:	PKN3
Protein Characteristics:	AA 1-878
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PKN3 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat Pkn3 Protein expressed in mammalien cells.
Sequence:	MEHRKPGTGQ RAPKDEKEMV RRAIQKELKI KEGMENMRRV ATDRRHLLGHV QQLLRASNRR LEQLHGELRE LHAQVLLPAS AEPVTSEPQP RAEQSRARLS EALHRQLQVE LKVKQGAENM IHTCASGTPK ERKLLAAAQQ MLKDSQLKVA LLRMKISSLE SSGSPEPGPD LLAELQHRL RVEAAVAAGA KNVVKLLGGQ RMQDRKALAE AQAQLQESSQ KDLLRLALE LLLERLPPTH SLRSRVTQEL WMAMLGNPQP LGTLVKPIAL TGTLQVRLLG CKDLLVAVPG RSPMAVLGAS PSEWLRTSR RQQRGGGELA SEVLAVLKVD NRVVGQTGWG LVAEKSWDQS FIISLDRE LEIGVHWRDW RQLCGVAFLK LEDFLDNACH QLSLSLVPQG RLFAQVTFCF PVIERRPRLQ RQRCIFSKRR GRDFMRASQM NLSMAAWGRL VMSLLPPCSS PNTASPPKGR PSTAVCGTPS AASPSNFLPM KTLKEDTKP PPKPPRLYLQ EPAPGTPCTK RPHMDPRPAV VPALAALSTR KPPRLQDFRC LAVLGRGHFG KVLLVQYKGT GKYYAIKALK KQEVLRDEI DSLYCEKRIL ETVGRTGHPF LLSLLACLQT SSHACFVTEF LPGGDLMAQI HEDVFPEPQA CFYLACVVLG

Product Details

LQFLHEKRII YRDLKLDNLL LDAQGFLKIA DFGLCKEGIG FGDRTSTFCG TPEFLAPEVL
TQEAYTRAVD WWGLGVLLYE MLVGECPPFG DTEEEVFECI VSADVPCPHF LSVQGLELIQ
KLLQKSPEKR LGAGERDAEE IKVQPPFRTT NWQALLARTV QPPFVPTLCG PADLRYFEGE
FTSLPPTLTP PVSQSSLTAR QQAARDFDF VSEQFLES **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.**

Characteristics:

Key Benefits:

- Made to order protein - from design to production - by highly experienced protein experts.
- 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:

PKN3

Alternative Name:

Pkn3 ([PKN3 Products](#))

Background:

Serine/threonine-protein kinase N3 (EC 2.7.11.13) (Protein kinase PKN-beta) (Protein-kinase C-related kinase 3),FUNCTION: Contributes to invasiveness in malignant prostate cancer. {ECO:0000269|PubMed:15282551}.

Molecular Weight:

97.9 kDa

UniProt:

[Q8K045](#)

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.

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
