

Datasheet for ABIN7561774

## Plakophilin 3 Protein (PKP3) (AA 1-797) (His tag)



[Go to Product page](#)

### Overview

Quantity:	1 mg
Target:	Plakophilin 3 (PKP3)
Protein Characteristics:	AA 1-797
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Plakophilin 3 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

### Product Details

Purpose:	Custom-made recombinat Pkp3 Protein expressed in mammalien cells.
Sequence:	<p>MQEGNFLLSA LQPETGVCSL ALPSDLQLDR RGAEGPEADR LRAARVQEQV RARLLQLGQQ</p> <p>SRHNGSAELD GSAESARGMP RGQYHTMQTG FSSRSQMSG DKTSTFRPIA KPAYSPASWS</p> <p>SRSAVDLTCS RRLSSAHNGG SAFGAVGYGG TQPTPPMPTR PVSFHERGGA ASRADYDTLS</p> <p>LRLSLRGLPGG LDDRYSVVSE QLEPAAASTY RAYAYERQAS SGSSRAGGLD WPEATEGPPS</p> <p>RTIRAPAMRT LQRFQSSHRS RGGTGSVSGA GLEPVARAPS VRSLSLSLAD SGHLPDVRGL</p> <p>DSYTGHRTLQ RLSSGFDDID LPSAVKYLMA SDPNLQVLGA AYIQHRCYSYD AAKKQARSL</p> <p>QAVPRLVKLF NHANQEVQRH ATGAMRNLIY DNVDNKLALV EENGIFELLR TLREQDDEL</p> <p>KNVTGILWNL SSSDHLKDRL ARDTLEQLTD LVLSPLSGAG GPPLIQNAS EAEIFYNATG</p> <p>FLRNLSASQ ATRQKMRECH GLVDALVTYI NHALDVGKCE DKSVENAVCV LRNLRYRLYD</p> <p>EMPPSALQRL EGRGRRDMAG APPGEMVGCY TPQSRRLREL PLTADALTFA EVSKDPKGLE</p> <p>WLWSPQIVGL YNRLLQRCEL NRHTTEAAAG ALQNITAGDR RWAGVLSRLA LEQERILNPL</p>

## Product Details

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LDRVRTADHN QLRSLTGLIR NLSRNARNKD EMSTKVVSHL IEKLPGSVGE KCPPEAEVLVN  
IIAVLNNLVV ASPIAARDLL YFDGLRKLVF IKKKRDSPDS EKSSRAASSL LANLWQYSKL  
HRDFRAKGYR KEDFLGP **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.**

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### 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.

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### Purity:

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

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### Grade:

custom-made

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## Target Details

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### Target:

Plakophilin 3 (PKP3)

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### Alternative Name:

Pkp3 ([PKP3 Products](#))

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### Background:

Plakophilin-3,FUNCTION: May play a role in junctional plaques.

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### Molecular Weight:

87.3 kDa

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### UniProt:

[Q9QY23](#)

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## Application Details

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### 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

## Application Details

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guarantee though.

Restrictions: For Research Use only

## Handling

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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