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Datasheet for ABIN7558726

**Pumilio 3 Protein (PUM3) (AA 1-647) (His tag)**

## Overview

Quantity:	1 mg
Target:	Pumilio 3 (PUM3)
Protein Characteristics:	AA 1-647
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Pumilio 3 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

## Product Details

Purpose:	Custom-made recombinat Pum3 Protein expressed in mammalien cells.
Sequence:	MEVKGKKKFT GKSPQTSQGK NKFHKNSESS SSKTFPRKAV KEGGPKVTSK NFEKGATKPG KKGVKQFKNK PQGGKGPDK FQKANKFSKK RKFQPDGESD ESGAKKPKWD DFKKKKKELK QSRQLSDKTN YDIVRAKHI WESLRRKDCD KEKRVKLMMSD LQKLIQGGKIK TIAFAHDSTR VIQCFIQYGN EEQRKQAFQE LQGDLVELSK AKYSRNIVKK FLMYGSKPQV AEIIRSFKGH VRKMLRHSEA SAIVEYAYND KAILEQRNML TEELYGNTFQ LYKSADHPTL DKVLELQPAK LELIMDEMKG ILTPMAQKEA VIKHSLVHKV FLDFFTYAPP KPRSELIEAI REAVVYLAHT HDGARVAMHC LWHGTPKDRK VIVKTMKTYV EKVANGQYSH LVLLAAFDCI DDTKLVKQII ISEISSLPS IVNDKYGRKV LLYLMSRPDP AHTVPELIEL LQKGDGNAHS KKDTAIRRRE LLESISPALL SYLQGHTQEV VLDKSACVLV SDMLGSATGD VQPAMDAIAS LAAAELHPGG KDGELHVAEH PAGHLVLKWL LEQDKMKES GKEGCFAKTL VERVGMKNLK SWASINRGAI ILSSLLQSCD QEVVNKVKGG LKPLIPTLEK NKSSSRGIQT LLEKLTA <b>Sequence without tag. The</b>

## Product Details

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**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

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### Target:

Pumilio 3 (PUM3)

### Alternative Name:

Pum3 ([PUM3 Products](#))

### Background:

Pumilio homolog 3,FUNCTION: Inhibits the poly(ADP-ribosyl)ation activity of PARP1 and the degradation of PARP1 by CASP3 following genotoxic stress. Binds to double-stranded RNA or DNA without sequence specificity. Involved in development of the eye and of primordial germ cells. {ECO:0000250|UniProtKB:Q15397, ECO:0000250|UniProtKB:X1WGX5}.

### Molecular Weight:

72.8 kDa

### UniProt:

[Q8BKS9](#)

## Application Details

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### Application Notes:

In addition to the applications listed above we expect the protein to work for functional studies

## Application Details

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as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

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Restrictions: For Research Use only

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## Handling

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Format: Liquid

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

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Handling Advice: Avoid repeated freeze-thaw cycles.

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Storage: -80 °C

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Storage Comment: Store at -80°C.

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Expiry Date: 12 months

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