

Datasheet for ABIN7558892
PWP2 Protein (AA 1-919) (His tag)



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Overview

Quantity:	1 mg
Target:	PWP2 (PWP2H)
Protein Characteristics:	AA 1-919
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PWP2 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat Pwp2 Protein expressed in mammalian cells.
Sequence:	<p>MKFAYRFSNL LGTVYRCGNL NFTHDGNSVI SPVGNRVTVF DLKNNRSNTL PLATKYNIKC</p> <p>VGLSPDGRLA IIVDEGGAAL LVSLVCRSVL HHFHFKGSVH SVSFSPDGRK FVVTKGNIHQ</p> <p>MYHAPGKKRE FNAFVLDTKY FGPDDETCI DWTDDSKCFV VGSKDMSTWV FGAERWDNLI</p> <p>YYALSGHKDA IVACFFESNS LDLYSLSQDG ALCVWQCDTP PEGRLRLKAPR GWKADILQRE</p> <p>KEEEEEDEEE GDRETTIRGK TTPAEQERVG KVKYSRLAKY FLNKEGDFNN LTSAAYHKKT</p> <p>HLLVTGFASG IFHLHELPEF NLIHLSISD QRVASVAINS SGDWAIFGCS GMGQLLVWEW</p> <p>QSESYVLKQQ GHFNSMVALA YSPDGQYIVT GGDDGKVKVW NTLSGFCFVT LTEHSSGVTG</p> <p>VTFTTTGHVI VTSSLDGTVR AFDLHRYRNF RTFTSPRPTQ FSCVAVDSSG EIVSAGAQDS</p> <p>FEIFVWSMQT GRLLDVLSGH EGPVSGLCFN PMKSILASAS WDKTVRLWDM FDSWRTKETL</p> <p>TLTSDALAVT FRPDGAELAV ATLNSQITFW DPENAVQVGS IEGRHDLKTG RKELDKITAK</p> <p>HSAKGKAFTT LCYSADGQSI LAGGMSKFVC LYHVREQILV KRFELSCNLS LDAMEEFLNR</p>

RKMTEFGNLA LIDQDAGEEN GVAVPLPGVR KGDMSSRHFK PEIRVTSLRF SPTGRCWAAT
STEGLLIFSL DAQMLFDPFE LDTSVTPGRI REALRQREFT RAILMAFRLN EKKLAQEAL
AVPQNEIEVV STSLPELYVW KVLEFLAASF EESRHLEFYL IWTQKLLMSH GQRLKSRAGQ
LLPVVQFLQK GLQRHLDDVS KLCDWNRFNQ QYVLAVSKQR GMKRTLEPVD TEEDSDASDE
DSLHLLRAAG EEEEEMLI **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:

PWP2 (PWP2H)

Alternative Name:

Pwp2 ([PWP2H Products](#))

Background:

Periodic tryptophan protein 2 homolog,FUNCTION: Part of the small subunit (SSU) processome, first precursor of the small eukaryotic ribosomal subunit. During the assembly of the SSU processome in the nucleolus, many ribosome biogenesis factors, an RNA chaperone and ribosomal proteins associate with the nascent pre-rRNA and work in concert to generate RNA folding, modifications, rearrangements and cleavage as well as targeted degradation of pre-ribosomal RNA by the RNA exosome. {ECO:0000250|UniProtKB:Q15269}.

Target Details

Molecular Weight: 102.9 kDa

UniProt: [Q8BU03](#)

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