

Datasheet for ABIN7544943
RRP9 Protein (AA 1-475) (His tag)



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Overview

Quantity:	1 mg
Target:	RRP9
Protein Characteristics:	AA 1-475
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This RRP9 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat RRP9 Protein expressed in mammalian cells.
Sequence:	MSATAAARKR GKPASGAGAG AGAGKRRRKA DSAGDRGKSK GGGKMNEEIS SDSESESLAP RKPEEEEEEE LEETAQEKKL RLAKLYLEQL RQEEEEKAEA RAFEEDQVAG RLKEDVLEQR GRLQKLVAKE IQAPASADIR VLRGHQLSIT CLVVTPTDDSA IFSAAKDCSI IKWSVESGRK LHVIPRAKKG AEGKPPGHSS HVLCAISSD GKYLASGDRS KLILIWEAQS CQHLYTFTGH RDAVSGLAFR RGTHQLYSTS HDRSVKVVNV AENSYVETLF GHQDAVAALD ALSRECCVTA GGRDGTVRVW KIPEESQLVF YGHQGSIDCI HLINEEHMVS GADDGSVALW GLSKKRPLAL QREAHGLRGE PGLEQPFWIS SVAALLNTDL VATGSHSSCV RLWQCCEGFR QLDLLCDIPL VGFINSKFS SSGDFLVAGV GQEHRLGRWW RIKEARN SVC IIPLRVPVP PAAGS 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.

Product Details

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:

RRP9

Alternative Name:

RRP9 ([RRP9 Products](#))

Background:

U3 small nucleolar RNA-interacting protein 2 (RRP9 homolog) (U3 small nucleolar ribonucleoprotein-associated 55 kDa protein) (U3 snoRNP-associated 55 kDa protein) (U3-55K),FUNCTION: Component of a nucleolar small nuclear ribonucleoprotein particle (snoRNP) thought to participate in the processing and modification of pre-ribosomal RNA (pre-rRNA) (PubMed:26867678). 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 (PubMed:34516797). {ECO:0000269|PubMed:26867678, ECO:0000269|PubMed:34516797}.

Molecular Weight:

51.8 kDa

UniProt:

[O43818](#)

Target Details

Pathways: [SARS-CoV-2 Protein Interactome](#), [The Global Phosphorylation Landscape of SARS-CoV-2 Infection](#)

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