

Datasheet for ABIN7551564  
**RRP7A Protein (AA 1-280) (His tag)**



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## Overview

Quantity:	1 mg
Target:	RRP7A
Protein Characteristics:	AA 1-280
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This RRP7A protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant RRP7A Protein expressed in mammalian cells.
Sequence:	MVARRRKCAA RDPEDRIPSP LGYAAIPIKF SEKQQASHYL YVRAHGVRQG TKSTWPQKRT LFVLNVPPYC TEESLRLLS TCGLVQSVEL QEKPDLAESP KESRSKFFHP KPVPGFQVAY VVFQKPSGVS AALALKGPLL VSTESHPVKS GIHKWISDYA DSVPDPEALR VEVDTFMEAY DQKIAEEEEAK AKEEEGVPDE EGWVKVTRRG RRPVLP RTEA ASLRVLERER RKRSRKELLN FYAWQHRESK MEHLAQLRKK FEEDKQRIEL LRAQRKFRPY <b>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.</b>
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.
Characteristics:	Key Benefits:

## Product Details

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- 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, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

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## Target Details

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Target:	RRP7A
Alternative Name:	RRP7A ( <a href="#">RRP7A Products</a> )
Background:	Ribosomal RNA-processing protein 7 homolog A (Gastric cancer antigen Zg14),FUNCTION: Nucleolar protein that is involved in ribosomal RNA (rRNA) processing (PubMed:33199730). Also plays a role in primary cilia resorption, and cell cycle progression in neurogenesis and neocortex development (PubMed:33199730). 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:33199730, ECO:0000269 PubMed:34516797}.
Molecular Weight:	32.3 kDa
UniProt:	<a href="#">Q9Y3A4</a>

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## Application Details

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Application Notes: We expect the protein to work for functional studies. 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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