

Datasheet for ABIN7560107  
**RRP1B Protein (AA 1-724) (His tag)**



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## Overview

Quantity:	1 mg
Target:	RRP1B
Protein Characteristics:	AA 1-724
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This RRP1B protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant Rrp1b Protein expressed in mammalian cells.
Sequence:	<p>MALAMQSSEF QFAQRLASSE KGVDRRAVRK LRQYLSARTQ SDTGSFSQEE LLKIWKGLFY</p> <p>CMWVQDEPLL QEELANIISQ LIHVNSLEA QYLFIQTFWQ TMNREWQGID KLQLDKYYML</p> <p>IRLVLRQSFE VLKRNAWEES QITLFLDILM KEILSPESQS PNGVRTHLID VYLEELTTVG</p> <p>GAELLADQNL KLIDPFCRIA AKTKDHTLVQ TVARGVFEVI VDQSACVPQE SVEERKTKED</p> <p>GSGFPTKALA CRKAVSGKKA ALDECLRDGV IGSRRERDICA ALKDSGSPLQ FDYKAVADR</p> <p>LEIANSKSTP PFNRKRLCRL VRKFQDLCEG NGAPLSSAED NGQRRHKRKR KKLLESEKGD</p> <p>TVSPAAEEDS GGHIHKKKRK KRKRSHFQPD TQNLDVAVP KVPDSESEPD TAQRQAPCGQ</p> <p>ACVTEPTAEA VSSIGENSSK PTPVMPIHNK RKRPRKKKLR AHKEICKSTT LPQEDMSKND</p> <p>AVSGHSQSSA AHISSEGVQ AQKRKRKLGA LPDSSSDLPV QKSGTPTSPV EGKDGQTTLP</p> <p>RCKRSQKKA SSTDPCDPS SQKPAISKKK KKTMLMSNG VLESNPGQIQ ALGSNRTLKK</p> <p>PLKTEDDFVK FDTRFLPKPL FFRKAKNSSA TRPQGPAGQL NKTPTSSSKV TFGLNRNMTA</p> <p>EFKTKDKSIL VSPTGLSRVA FNPEQRPLHG VLKTATSSPA STPLSPMRLP ATTPKRRPRA ADFF</p>

**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.**

**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:

- 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, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

**Grade:** custom-made

## Target Details

**Target:** RRP1B

**Alternative Name:** Rrp1b ([RRP1B Products](#))

**Background:** Ribosomal RNA processing protein 1 homolog B (RRP1-like protein B),FUNCTION: Positively regulates DNA damage-induced apoptosis by acting as a transcriptional coactivator of proapoptotic target genes of the transcriptional activator E2F1 (By similarity). Likely to play a role in ribosome biogenesis by targeting serine/threonine protein phosphatase PP1 to the nucleolus (By similarity). Involved in regulation of mRNA splicing (PubMed:23604122). Inhibits SIPA1 GTPase activity (PubMed:18081427). Involved in regulating expression of extracellular matrix genes (PubMed:18081427). Associates with chromatin and may play a role in modulating chromatin structure (By similarity). {ECO:0000250|UniProtKB:Q14684,

## Target Details

	ECO:0000269 PubMed:18081427, ECO:0000269 PubMed:23604122}.
Molecular Weight:	80.6 kDa
UniProt:	<a href="#">Q91YK2</a>

## Application Details

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.
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