

Datasheet for ABIN7551559
RRP1B Protein (AA 1-758) (His tag)



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Overview

Quantity:	1 mg
Target:	RRP1B
Protein Characteristics:	AA 1-758
Origin:	Human
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:	MAPAMQPAEI QFAQRLASSE KGIRDRAVKK LRQYISVKTQ RETGGFSQEE LLKIWKGLFY CMWVQDEPLL QEELANTIAQ LVHAVNNSAA QHLFIQTFWQ TMNREWKGID RLRLDKYYML IRLVLRQSFE VLKRNWEEES RIKVFLDVLM KEVLCPESSQ PNGVRFHFID IYDELKSVG GKELLADQNL KFIDPFCKIA AKTKDHTLVQ TIARGVFEAI VDQSPFVPEE TMEEQKTKVG DGDLSAEEIP ENEVSLRRAV SKKKTALGKN HSRKDGLSDE RGRDDCGTFE DTGPLLQFDY KAVADRLLM TSRKNTPHFN RKRLSKLIKK FQDLSEGSSI SQLSFAEDIS ADEDDQILSQ GKHKKKGNKL LEKTNLEKEK GSRVFCVEEE DSESSLQKRR RKKKKKHHLQ PENPGPGGAA PSLEQNRGRE PEASGLKALK ARVAEPGAEA TSSTGEESGS EHPPAVPMHN KRKRPRKKSP RAHREMLES A VLPPEDMSQS GPSGSHPOGP RGSPTGGAQL LKRKRKLG VV PVNGSGLSTP AWPPLQQEGP PTGPAEGANS HTTLPQRRRL QKKKAGPGSL ELCGLPSQKT ASLKKRKKMR VMSNLVEHNG VLESEAGQPQ ALGSSGTCSS LKKQKLRAES DFVKFDTPFL PKPLFFRRAK SSTATHTPPGP AVQLNKTPSS SKKVTFGLNR NMTAEFKKTD KSILVSPTGP SRVAFDPEQK

Product Details

PLHGVLTPT SSPASSPLVA KKPLTTTPRR RPRAMDF **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 (PubMed:20040599). Likely to play a role in ribosome biogenesis by targeting serine/threonine protein phosphatase PP1 to the nucleolus (PubMed:20926688). Involved in regulation of mRNA splicing (By similarity). Inhibits SIPA1 GTPase activity (By similarity). Involved in regulating expression of extracellular matrix genes (By similarity). Associates with chromatin and may play a role in modulating

Target Details

chromatin structure (PubMed:19710015). {ECO:0000250|UniProtKB:Q91YK2, ECO:0000269|PubMed:19710015, ECO:0000269|PubMed:20040599, ECO:0000269|PubMed:20926688}, FUNCTION: (Microbial infection) Following influenza A virus (IAV) infection, promotes viral mRNA transcription by facilitating the binding of IAV RNA-directed RNA polymerase to capped mRNA. {ECO:0000269|PubMed:26311876}.

Molecular Weight: 84.4 kDa

UniProt: [Q14684](#)

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