

Datasheet for ABIN7551464
RPL7 Protein (AA 1-248) (His tag)



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Overview

Quantity:	1 mg
Target:	RPL7
Protein Characteristics:	AA 1-248
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This RPL7 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant RPL7 Protein expressed in mammalian cells.
Sequence:	MEGVEEKKKE VPAVPETLKK KRRNFAELKI KRLRKKFAQK MLRKARRKLI YEKAKHYHKE YRQMYRTEIR MARMARKAGN FYVPAEPKLA FVIRIRGING VSPKVRKVLQ LLRLRQIFNG TFVKLNKASI NMLRIVEPYI AWGYPNLKSV NELIYKRGYK KINKKRIALT DNALIARSLG KYGIICMEDL IHEIYTVGKR FKEANNFLWP FKLSSPRGGM KKKTTTFVEG GDAGNREDQI NRLIRRMN 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: <ul style="list-style-type: none">• Made to order protein - from design to production - by highly experienced protein experts.

Product Details

- 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:	RPL7
Alternative Name:	RPL7 (RPL7 Products)
Background:	Large ribosomal subunit protein uL30 (60S ribosomal protein L7),FUNCTION: Component of the large ribosomal subunit (PubMed:12962325, PubMed:23636399, PubMed:32669547). The ribosome is a large ribonucleoprotein complex responsible for the synthesis of proteins in the cell (PubMed:12962325, PubMed:23636399, PubMed:32669547). Binds to G-rich structures in 28S rRNA and in mRNAs (PubMed:12962325). Plays a regulatory role in the translation apparatus, inhibits cell-free translation of mRNAs (PubMed:12962325). {ECO:0000269 PubMed:23636399, ECO:0000269 PubMed:32669547, ECO:0000305 PubMed:12962325}.
Molecular Weight:	29.2 kDa
UniProt:	P18124

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.
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Application Details

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