

Datasheet for ABIN7556766
RPL10L Protein (AA 1-214) (His tag)



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Overview

Quantity:	1 mg
Target:	RPL10L
Protein Characteristics:	AA 1-214
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This RPL10L protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Rpl10l Protein expressed in mammalian cells.
Sequence:	MGRRPARCYR YCKNKYPYKRS RFCRGVPSDAK IRIFDLGRKK AKVDEFPLCG HMVSDEYEQL SSEALEAARI CANKYMKVSKS GKDGPHIRVR LHPFHVIRIN KMLSCAGADR LQTGMRGAFG KPQGTVARVH IGQVIMSIRT KLQNKEHVIE ALRRAKFKFP GRQKIHISKK WGFTKFNAD FEDKVAARKL IPDGCYVYI PERGPLDKWR ALHS 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:	RPL10L
Alternative Name:	Rpl10l (RPL10L Products)
Background:	Large ribosomal subunit protein uL16-like (60S ribosomal protein L10-like),FUNCTION: Testis-specific component of the ribosome, which is required for the transition from prophase to metaphase in male meiosis I (PubMed:28502657). Compensates for the inactivated X-linked RPL10 paralog during spermatogenesis (PubMed:28502657). The ribosome is a large ribonucleoprotein complex responsible for the synthesis of proteins in the cell (PubMed:28502657). The male germ cell-specific ribosome displays a ribosomal polypeptide exit tunnel of distinct size and charge states compared with the classical ribosome (PubMed:36517592). It is responsible for regulating the biosynthesis and folding of a subset of male germ-cell-specific proteins that are essential for the formation of sperm (PubMed:36517592). {ECO:0000269 PubMed:28502657, ECO:0000269 PubMed:36517592}.
Molecular Weight:	24.6 kDa
UniProt:	P86048

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
