

Datasheet for ABIN7549252
C7orf30 Protein (AA 1-234) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	C7orf30
Protein Characteristics:	AA 1-234
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This C7orf30 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant MALSU1 Protein expressed in mammalian cells.
Sequence:	MGPGGRVARL LAPLMWRRRAV SSVAGSAVGA EPGLRLLAVQ RLPVGAAFCR ACQTPNFVRG LHSEPGLEER AEGTVNEGRP ESDAADHTGP KFDIDMMVSL LRQENARDIC VIQVPPEMRY TDYFVIVSGT STRHLHAMAF YVVKMYKHLK CKRDPHVKIE GKDTDDWLCV DFGSMVIHLM LPETREIYEL EKLWTLRSYD DQLAQIAPET VPEDFILGIE DDTSSVTPVE LKCE 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:	C7orf30
Alternative Name:	MALSU1 (C7orf30 Products)
Background:	Mitochondrial assembly of ribosomal large subunit protein 1,FUNCTION: Required for normal mitochondrial ribosome function and mitochondrial translation (PubMed:22238375, PubMed:23171548). May play a role in ribosome biogenesis by preventing premature association of the 28S and 39S ribosomal subunits (Probable). Interacts with mitochondrial ribosomal protein uL14m (MRPL14), probably blocking formation of intersubunit bridge B8, preventing association of the 28S and 39S ribosomal subunits (Probable). Addition to isolated mitochondrial ribosomal subunits partially inhibits translation, probably by interfering with the association of the 28S and 39S ribosomal subunits and the formation of functional ribosomes (Probable). May also participate in the assembly and/or regulation of the stability of the large subunit of the mitochondrial ribosome (PubMed:22238376, PubMed:23171548). May function as a ribosomal silencing factor (Probable). {ECO:0000269 PubMed:22238375, ECO:0000269 PubMed:22238376, ECO:0000269 PubMed:23171548, ECO:0000305 PubMed:22829778, ECO:0000305 PubMed:28892042}.
Molecular Weight:	26.2 kDa

Target Details

UniProt: [Q96EH3](#)

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