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Datasheet for ABIN7560836

**C1orf33 Protein (AA 1-239) (His tag)**

## Overview

Quantity:	1 mg
Target:	C1orf33 (MRT04)
Protein Characteristics:	AA 1-239
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This C1orf33 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant Mrto4 Protein expressed in mammalian cells.
Sequence:	<p>MPKSKRDKKV SLTKTAKKGL ELKQNLIEEL RKCVDTYKYL FIFSVANMRN SKLKDIRNAW KHSRMFFGKN KVMMVALGRS PSDEYKDNLH QVSKKLRGEV GLLFTNRTKE EVNEWFTKYT EMDFARAGNK ATLTVSLDPG PLKQFPHSME PQLRQLGLPT ALKKGVVTLT SDYEVCKEGD VLTPEQARIL KLFGYEMAEF KVIKYMWDA QSGRFQMDD DLPESAPESE GESEEEEDDS</p> <p><b>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.</b></p>
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:	<p>Key Benefits:</p> <ul style="list-style-type: none"><li>• Made to order protein - from design to production - by highly experienced protein experts.</li></ul>

## Product Details

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- 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.

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Purity:	> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

## Target Details

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Target:	C1orf33 (MRT04)
Alternative Name:	Mrto4 ( <a href="#">MRT04 Products</a> )
Background:	MRNA turnover protein 4 homolog (Ribosome assembly factor Mrto4),FUNCTION: Component of the ribosome assembly machinery. Nuclear paralog of the ribosomal protein P0, it binds pre-60S subunits at an early stage of assembly in the nucleolus, and is replaced by P0 in cytoplasmic pre-60S subunits and mature 80S ribosomes. {ECO:0000250 UniProtKB:P33201}.
Molecular Weight:	27.5 kDa
UniProt:	<a href="#">Q9D018</a>

## Application Details

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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

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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