

Datasheet for ABIN7544629  
**C9orf156 Protein (AA 1-441) (His tag)**



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## Overview

Quantity:	1 mg
Target:	C9orf156
Protein Characteristics:	AA 1-441
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This C9orf156 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant TRMO Protein expressed in mammalian cells.
Sequence:	MRGLEESGPR PTATPCGCVK PALETGNLLT EPVGYLESCF SAKNGTTPRQP SICSYSRACL RIRKRIFNNP EHSLMGLEQF SHVWILFVFH KNGHLSCKAK VQPPRLNGAK TGVFSTRSPH RPNAIGLTLA KLEKVEGGAI YLSGIDMIHG TPVLDIKPYI AEYDSPQNVN EPLADFNLQN NQHTPNTVSQ SDSKTDSCDQ RQLSGCDEPQ PHHSTKRKPK CPEDRTSEEN YLTHSDTARI QQAFPMHREI AVDFGLESRR DQSSVAEEQ IGPYCPEKSF SEKGTDKKLE RVEGAAVLQG SRAETQPMAP HCPAGRADGA PRSVVPAWVT EAPVATLEVR FTPHAEMDLG QLSSQDVGQA SFKYFQSAEE AKRAIEAVLS ADPRSVYRRK LCQDRLFYFT VDIHVTCWF GDGFAEVLRI KPASEPVHMT GPVGSLSVSLG S <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>
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.

## Product Details

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### 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.

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### Purity:

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

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### Grade:

custom-made

## Target Details

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### Target:

C9orf156

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### Alternative Name:

TRMO ([C9orf156 Products](#))

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### Background:

TRNA (adenine(37)-N6)-methyltransferase (EC 2.1.1.-) (tRNA methyltransferase O),FUNCTION: S-adenosyl-L-methionine-dependent methyltransferase responsible for the addition of the methyl group in the formation of N6-methyl-N6-threonylcarbamoyladenosine at position 37 (m(6)t(6)A37) of the tRNA anticodon loop of tRNA(Ser)(GCU) (PubMed:25063302). The methyl group of m(6)t(6)A37 may improve the efficiency of the tRNA decoding ability (By similarity). {ECO:0000250|UniProtKB:P28634, ECO:0000269|PubMed:25063302}.

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### Molecular Weight:

48.6 kDa

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### UniProt:

[Q9BU70](#)

## 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.

## Application Details

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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