

Datasheet for ABIN7544688  
**TRMT6 Protein (AA 1-497) (His tag)**



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## Overview

Quantity:	1 mg
Target:	TRMT6
Protein Characteristics:	AA 1-497
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TRMT6 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

## Product Details

Purpose:	Custom-made recombinat TRMT6 Protein expressed in mammalian cells.
Sequence:	MEGSGEQPGP QPQHPGDHRI RDGDFVWLKR EDVFKAVQVQ RRKKVTFEKQ WFYLDNVIGH SYGTAFEVTS GGS LQPKKKR EEPTAETKEA GTDNRNIVDD GKSQKLTQDD IKALKDKGIK GEEIVQQLIE NSTTFRDKTE FAQDKYIKKK KKKYEAITV VKPSTRILSI MYYAREPGKI NHMRYDTLAQ MLTLGNIRAG NKMIVMETCA GLVLGAMMER MGGFGSIIQL YPGGGPVRAA TACFGFPKSF LSGLYEFPLN KVDSLHGTG SAKMLSSEPK DSALVEESNG TLEEKQASEQ ENEDSMAEAP ESNHPEDQET METISQDPEH KGPKERGSKK DYIQEKQRRQ EEQRKRHLEA AALLSERPAD GLIVASRFHP TPLLLSLLDF VAPSRPFVVY CQYKEP LLEC YTKLRERGGV INLRLSETWL RNYQVLPDRS HPKLLMSGGG GYLLSGFTVA MDNLKADTSL KSNASTLESH ETEEPAKKR KCPESDS <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>

## 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, Western Blot

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### Grade:

custom-made

## Target Details

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### Target:

TRMT6

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### Alternative Name:

TRMT6 ([TRMT6 Products](#))

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### Background:

TRNA (adenine(58)-N(1))-methyltransferase non-catalytic subunit TRM6 (mRNA methyladenosine-N(1)-methyltransferase non-catalytic subunit TRM6) (tRNA(m1A58)-methyltransferase subunit TRM6) (tRNA(m1A58)MTase subunit TRM6),FUNCTION: Substrate-binding subunit of tRNA (adenine-N(1)-methyltransferase, which catalyzes the formation of N(1)-methyladenine at position 58 (m1A58) in initiator methionyl-tRNA (PubMed:16043508). Together with the TRMT61A catalytic subunit, part of a mRNA N(1)-methyltransferase complex that mediates methylation of adenosine residues at the N(1) position of a small subset of mRNAs: N(1) methylation takes place in tRNA T-loop-like structures of mRNAs and is only present at low stoichiometries (PubMed:29107537, PubMed:29072297). {ECO:0000269|PubMed:16043508, ECO:0000269|PubMed:29072297, ECO:0000269|PubMed:29107537}.

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### Molecular Weight:

55.8 kDa

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### UniProt:

[Q9UJA5](#)

## Application Details

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Application Notes: In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

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Restrictions: For Research Use only

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## Handling

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Format: Liquid

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Buffer: The buffer composition is at the discretion of the manufacturer.

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Handling Advice: Avoid repeated freeze-thaw cycles.

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Storage: -80 °C

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Storage Comment: Store at -80°C.

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Expiry Date: 12 months

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