

Datasheet for ABIN7549307

## METT5D1 Protein (AA 1-407) (His tag)



[Go to Product page](#)

### Overview

Quantity:	1 mg
Target:	METT5D1
Protein Characteristics:	AA 1-407
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This METT5D1 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

### Product Details

Purpose:	Custom-made recombinat METTL15 Protein expressed in mammalian cells.
Sequence:	<p>MLRYPYFCRM YKECLSCWLE SGIPNLGVWP NRIHTTAEKY REYEAREQTD QTQAQELHRS</p> <p>QDRDFETMAK LHIPVMVDEV VHCLSPQKGQ IFLDMTFGSG GHTKAILQKE SDIVLYALDR</p> <p>DPTAYALAEH LSELYPKQIR AMLGQFSQAE ALLMKAGVQP GTFDGVLMDL GCSSMQLDTP</p> <p>ERGFSLRKDG PLDMRMDGGR YPDMPTAADV VNALDQQALA SILRTYGEEK HAKKIASAIV</p> <p>QARSIYPITR TQQLASIVAG AFPPSAIYTR KDLLQRSTHI ATKTFQALRI FVNNELNELY</p> <p>TGLKTAQKFL RPGGRLVALS FHSLEDRIK RFLLGISMTE RFNLSVRQQV MKTSQLGSDH</p> <p>ENTEEVSMRR APLMWELIHK KVLSPQDQDV QDNPRGRSAK LRAAIKL <b>Sequence without tag.</b></p> <p><b>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>
Characteristics:	Key Benefits:

## Product Details

- 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.

Purity:	> 90 % as determined by Bis-Tris Page, Western Blot
---------	---

Grade:	custom-made
--------	-------------

## Target Details

Target:	METT5D1
---------	---------

Alternative Name:	METTL15 ( <a href="#">METT5D1 Products</a> )
-------------------	--

Background:	12S rRNA N4-methylcytidine (m4C) methyltransferase (12S rRNA m4C methyltransferase) (EC 2.1.1.-) (Methyltransferase 5 domain-containing protein 1) (Methyltransferase-like protein 15),FUNCTION: N4-methylcytidine (m4C) methyltransferase responsible for the methylation of position C839 in mitochondrial 12S rRNA (PubMed:31665743, PubMed:32371392). Involved in the stabilization of 12S rRNA folding, therefore facilitating the assembly of the mitochondrial small ribosomal subunits (PubMed:31665743, PubMed:32371392). {ECO:0000269 PubMed:31665743, ECO:0000269 PubMed:32371392}.
-------------	---

Molecular Weight:	46.1 kDa
-------------------	----------

UniProt:	<a href="#">A6NJ78</a>
----------	------------------------

## Application Details

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
--------------------	--

Application Details

	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