

Datasheet for ABIN7559110
RG9MTD2 Protein (AA 1-328) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	RG9MTD2
Protein Characteristics:	AA 1-328
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This RG9MTD2 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Trmt10a Protein expressed in mammalian cells.
Sequence:	MSSEMLPASI ESPNVEEKLG TSDGEEERQE PRVDAGAEPi SKRQLKCLMK QKWEEQREQ RKEKRKEKRK RKKLERRQLE SNSDGNDRKR VRRDVARSSL RLVIDCSFDD LMVLKDIKKL HKQIQRCYAE NRRASHPVQF YLTSHGGQLK KNMDENDQGW VNWKDIHIKS EHYSELIKKE DLVYLTSDSP NVLKDLDISK AYVIGGLVDH SHHKGLTFKQ ATSYGIEHAQ LPLADFKMN SRKVLAVNHV FEIILEFLET RDWQEAFFTI LPQRKGAVPA HKACESSPQD HQSLPEGWDS ASEGESCRDN PDSPQKDEQG QQSSPVLQ 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:

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, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

Target Details

Target:	RG9MTD2
Alternative Name:	Trmt10a (RG9MTD2 Products)
Background:	TRNA methyltransferase 10 homolog A (EC 2.1.1.221) (RNA (guanine-9-)-methyltransferase domain-containing protein 2) (tRNA (guanine(9)-N(1))-methyltransferase TRMT10A),FUNCTION: S-adenosyl-L-methionine-dependent guanine N(1)-methyltransferase that catalyzes the formation of N(1)-methylguanine at position 9 (m1G9) in tRNAs. Probably not able to catalyze formation of N(1)-methyladenine at position 9 (m1A9) in tRNAs. {ECO:0000250 UniProtKB:Q8TBZ6}.
Molecular Weight:	38.0 kDa
UniProt:	Q8C1Z8

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