

Datasheet for ABIN7544630

RG9MTD2 Protein (AA 1-339) (His tag)[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	RG9MTD2
Protein Characteristics:	AA 1-339
Origin:	Human
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:	MSSEMLPAFI ETSNVDDKKQG INEDQEESQK PRLGEGCEPI SKRQMKKLIK QKQWEEQREL RKQKRKEKRK RKKLERQCQM EPNSDGHDRK RVRRDVVHST LRLIIDCSFD HLMVLKDIKK LHKQIQRCYA ENRRALHPVQ FYLTSHGGQL KKNMDENDKG WVNWKDIHIK PEHYSELIKK EDLIYLTSDS PNILKELDES KAYVIGGLVD HNHKGLTYK QASDYGINHA QLPLGNFVKM NSRKVLAVNH VFEIILEYLE TRDWQEAFFT ILPQRKGAVP TDKACESASH DNQSVRMEEG GSDSDSSEEE YSRNELDSPH EEKQDKENHT ESTVNSLPH 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 (PubMed:23042678, PubMed:25053765). Probably not able to catalyze formation of N(1)-methyladenine at position 9 (m1A9) in tRNAs (PubMed:23042678). {ECO:0000269 PubMed:23042678, ECO:0000269 PubMed:25053765}.
Molecular Weight:	39.7 kDa
UniProt:	Q8TBZ6

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.
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Application Details

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