

Datasheet for ABIN7559216
HENMT1 Protein (AA 1-395) (His tag)



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Overview

Quantity:	1 mg
Target:	HENMT1
Protein Characteristics:	AA 1-395
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This HENMT1 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Henmt1 Protein expressed in mammalian cells.
Sequence:	MEMAESIPCN SVVGGNFKEV SPEKVIRFKP PLYKQRYQFV RDLVDRHEPK KVADLGCGDA KLLKLLKIYP CIQLLVGVDI NEEKLHSNGH RLSPYLGEFV KPRDLDLTVT LYHGSVVERD SRLLGFDLIT CIELIEHLDS DDLARFPDVV FGYLSPAMVV ISTPNAEFNP LFPTVTLRDA DHKFEWSRME FQTWALHVAN CYNRYVEFTG VGTPPAGSEH VGYCTQIGVF TKNGGKLSKP SVSQQCDQHV YKPVYTTSTYP SLQQEKVLKF VLVGELLIQV DRLRLRYQRM LRDREKDRGP KPGDMDSCPA PHLLLGAFT EAEKARIESS PKPFCEGEKF YIPLQRLLTY PKLHRLCADE DRVRSLIADS VCLSSDGS AVVDLHNSWDY RPEEN 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.

Product Details

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.

Purity:

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

Grade:

custom-made

Target Details

Target:

HENMT1

Alternative Name:

Henmt1 ([HENMT1 Products](#))

Background:

Small RNA 2'-O-methyltransferase (EC 2.1.1.386) (HEN1 methyltransferase homolog 1) (mHEN1),FUNCTION: Methyltransferase that adds a 2'-O-methyl group at the 3'-end of piRNAs, a class of 24 to 30 nucleotide RNAs that are generated by a Dicer-independent mechanism and are primarily derived from transposons and other repeated sequence elements. This probably protects the 3'-end of piRNAs from uridylation activity and subsequent degradation. Stabilization of piRNAs is essential for gametogenesis. {ECO:0000269|PubMed:17652135, ECO:0000269|PubMed:18029764}.

Molecular Weight:

44.9 kDa

UniProt:

[Q8CAE2](#)

Application Details

Application Notes:

We expect the protein to work for functional studies. As the protein has not been tested for

Application Details

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
