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Datasheet for ABIN7558334
SETMAR Protein (AA 1-309) (His tag)

Overview

Quantity:	1 mg
Target:	SETMAR
Protein Characteristics:	AA 1-309
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SETMAR protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat Setmar Protein expressed in mammalien cells.
Sequence:	MSAEGVEKLS LEIAASEEES VAPTEQQDVA CGLENLPVSL WPLGAEPRPK PFQYTPDHVA GPGADIDPTQ ITFPGCACIE TPCVPGTCSC LRHENNYDDN LCLRDVGSEG KYAKPVFECN VLCQCGMRRCR NRVVQNGLHF LLQVFQTEKK GWGLRTLFEI PKGRFVCEYA GEVLGFSEVQ RRIHLQTSHD SNYIIAVREH IYSGQIMETF VDPTYIGNIG RFLNHSCEPN LLMIPVRIDS MVPKLALFAA KDILPGEELS YDYSGRFLNQ VSSKDKEKID CSPPRKPCYC GAQSCTTFLP YDSSLYMAP 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.
Characteristics:	Key Benefits: <ul style="list-style-type: none">• Made to order protein - from design to production - by highly experienced protein experts.

Product Details

- 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
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Grade:	custom-made
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Target Details

Target:	SETMAR
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Alternative Name:	Setmar (SETMAR Products)
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Background:	Histone-lysine N-methyltransferase SETMAR (EC 2.1.1.357) (SET domain without mariner transposase fusion protein),FUNCTION: Histone methyltransferase that methylates 'Lys-4' and 'Lys-36' of histone H3, 2 specific tags for epigenetic transcriptional activation. Specifically mediates dimethylation of H3 'Lys-36'. {ECO:0000250 UniProtKB:Q53H47}.
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Molecular Weight:	34.4 kDa
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UniProt:	Q80UJ9
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Pathways:	Positive Regulation of Response to DNA Damage Stimulus
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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 guarantee though.
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Restrictions:	For Research Use only
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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