

Datasheet for ABIN7544687

TRMT1 Protein (AA 1-659) (His tag)



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Overview

Quantity:	1 mg
Target:	TRMT1
Protein Characteristics:	AA 1-659
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TRMT1 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat TRMT1 Protein expressed in mammalian cells.
Sequence:	<p>MQGSSLWLSL TFRSARVLSR ARFFEWQSPG LPNTAAMENG TGPYGEERPR EVQETTVTEG</p> <p>AAKIAFPSAN EVFYNPVQEF NRDLTCAVIT EFARIQLGAK GIQIKVPGEK DTQKVVVDLS</p> <p>EQEEEKVELK ESENLASGDQ PRTAAVGEIC EEGLHVLEGL AASGLRSIRF ALEVPGLRSV</p> <p>VANDASTRAV DLIRRNVLN DVAHLVQPSQ ADARMLMYQH QRVSERFDVI DLDPYGSPAT</p> <p>FLDAAVQAVS EGGLECVTCT DMAVLAGNSG ETCYSKYGAM ALKSRACHEM ALRIVLHSLD</p> <p>LRANCYQRFV VPLLSISADF YVRVFRVFT GQAKVKASAS KQALVFQCVG CGAFHLQRLG</p> <p>KASGVPSGRA KFSAAACGPPV TPECEHCGQR HQLGGPMWAE PIHDLDFVGR VLEAVSANPG</p> <p>RFHTSERIRG VLSVITEELP DVPLYTLDQ LSSTIHCNTP SLLQLRSALL HADFRVSLSH</p> <p>ACKNAVKTDA PASALWDIMR CWEKECPVKR ERLSETSPAF RILSVEPRLQ ANFTIREDAN</p> <p>PSSRQRGLKR FQANPEANWG PRPRARPGGK AADEAMEERR RLLQNKRKPE PEDVAQRAAR</p> <p>LKTFPCKRFK EGTCQRGDQC CYSHSPPTPR VSADAAPDCP ETSNQTPPGP GAAAGPGID</p>

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:	<p>Key Benefits:</p> <ul style="list-style-type: none">• 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). <p>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.</p> <p>If you are not interested in a full length protein, please contact us for individual protein fragments.</p> <p>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.</p>
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Purity:	> 90 % as determined by Bis-Tris Page, Western Blot
Grade:	custom-made

Target Details

Target:	TRMT1
Alternative Name:	TRMT1 (TRMT1 Products)
Background:	TRNA (guanine(26)-N(2))-dimethyltransferase (EC 2.1.1.216) (tRNA 2,2-dimethylguanosine-26 methyltransferase) (tRNA(guanine-26,N(2)-N(2)) methyltransferase) (tRNA(m(2,2)G26)dimethyltransferase),FUNCTION: Dimethylates a single guanine residue at position 26 of most tRNAs using S-adenosyl-L-methionine as donor of the methyl groups.
Molecular Weight:	72.2 kDa
UniProt:	Q9NXH9
Pathways:	SARS-CoV-2 Protein Interactome

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