

Datasheet for ABIN7561504

ADAT1 Protein (AA 1-499) (His tag)



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Overview

Quantity:	1 mg
Target:	ADAT1
Protein Characteristics:	AA 1-499
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ADAT1 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat Adat1 Protein expressed in mammalian cells.
Sequence:	<p>MWTADEIAQL CYAHYNVRLP KQGKPEPNRE WTLAAVVKI QASANQACDI PEKEVQVTKE</p> <p>VVSMGTGTHC IGQSKMRESG DILNDSHAEI IARRSFQRYL LHQLHLAAVL KEDSIFVPGT</p> <p>QRGLWRLRPD LSFVFFSHT PCGDASIIPM LEFEEQPCCP VIRSWANNSP VQETENLEDS</p> <p>KDKRNCEDPA SPVAKKMRLG TPARSLSNVCV AHHTQESGP VKPDVSSSDL TKEEPDAANG</p> <p>IASGSFRVVD VYRTGAKCVP GETGDLREPG AAYHQVGLLR VKPGRGDRTC SMSCSDKMAR</p> <p>WNVLGCCGAL LMHFLEKPIY LSAVVIGKCP YSQEAMRRAL TGRCEETLVL PRGFGVQELE</p> <p>IQQSGLLFEQ SRCVHRKRG DSPGRLVPCG AAISWSAVPQ QPLDVTANGF PQGTTKKEIG</p> <p>SPRARSISK VELFRSFQKL LSSIADDEQP DSIRVTKKLD TYQEYKDAAS AYQEAWGALR</p> <p>RIQPFASWIR NPPDYHQFK</p> <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.</p>

Product Details

Characteristics:	<div>Key Benefits:</div> <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).
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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:	ADAT1
Alternative Name:	Adat1 (ADAT1 Products)
Background:	TRNA-specific adenosine deaminase 1 (mADAT1) (EC 3.5.4.34) (tRNA-specific adenosine-37 deaminase),FUNCTION: Specifically deaminates adenosine-37 to inosine in tRNA-Ala. {ECO:0000269 PubMed:10675613}.
Molecular Weight:	55.4 kDa
UniProt:	Q9JHI2

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