

Datasheet for ABIN7551867

AADAC Protein (AA 1-399) (His tag)



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Overview

Quantity:	1 mg
Target:	AADAC
Protein Characteristics:	AA 1-399
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This AADAC protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat AADAC Protein expressed in mammalian cells.
Sequence:	<p>MGRKSLYLLI VGILIAYYIY TPLPDNVEEP WRMMWINAHL KTIQNLATFV ELLGLHHFMD</p> <p>SFKVVGSGFDE VPPTSDENVT VTETKFNNIL VRVYVPKRKS EALRRGLFYI HGGGWCVGSA</p> <p>ALSGYDLLSR WTADRLDAVV VSTNYRLAPK YHFPIQFEDV YNALRWFLRK KVLAKYGVNP</p> <p>ERIGISGDSA GGNLAAAVTQ QLLDDPDVKI KLKIQSLIYP ALQPLDVDLP SYQENSNFLF</p> <p>LSKSLMVRFW SEYFTTDRSL EKAMLSRQHV PVESHLFKF VNWSSLLPER FIKGHVYNNP</p> <p>NYGSSELAKK YPGFLDVRAA PLLADDNKLK GLPLTYVITC QYDLLRDDGL MYVTRLRNTG</p> <p>VQVTHNHVED GFHGAFSFLG LKISHRLINQ YIEWLKENL Sequence without tag. The proposed</p> <p>Purification-Tag is based on experiences with the expression system, a different complexity</p> <p>of the protein could make another tag necessary. In case you have a special request, please</p> <p>contact us.</p>
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, Western Blot
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Grade:	custom-made
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Target Details

Target:	AADAC
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Alternative Name:	AADAC (AADAC Products)
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Background:	Arylacetamide deacetylase (EC 3.1.1.3),FUNCTION: Displays cellular triglyceride lipase activity in liver, increases the levels of intracellular fatty acids derived from the hydrolysis of newly formed triglyceride stores and plays a role in very low-density lipoprotein assembly. Displays serine esterase activity in liver. Deacetylates a variety of arylacetamide substrates, including xenobiotic compounds and procarcinogens, converting them to the primary arylamide compounds and increasing their toxicity. {ECO:0000269 PubMed:17936933, ECO:0000269 PubMed:19339378, ECO:0000269 PubMed:22207054, ECO:0000269 PubMed:22415931, ECO:0000269 PubMed:23542347}.
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Molecular Weight:	45.7 kDa
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UniProt:	P22760
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Application Details

Application Notes:	In addition to the applications listed above we expect the protein to work for functional studies
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Application Details

as well. As the protein has not been tested for 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