

Datasheet for ABIN7558554

Acyl-Coenzyme A Amino Acid N-Acyltransferase 2 (ACNAT2) (AA 1-420) protein (His tag)



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Overview

Quantity:	1 mg
Target:	Acyl-Coenzyme A Amino Acid N-Acyltransferase 2 (ACNAT2)
Protein Characteristics:	AA 1-420
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	His tag

Product Details

Purpose:	Custom-made recombinant Acnat2 Protein expressed in mammalian cells.
Sequence:	<p>MMIQLIATPS NALVDEPVS I RATGLPPSQI VTIKATVKDE NDNVFQSQAF YKTNEAGEVD LEKTPALGGD YGVVHPMGLF FSLKPKKAFH RLMKKDVMNS PLCICLDLYD SVNWLETVRI PSKASQRVQR WFGVPGVKRE QIQEGRVGA LFLPPGKGPF PGIIDLFLGI GGLVEFRASL LASHGFAVLA LAYFAYEDLP EKPQEVLDLEY FEEAANFLLS HPKIQQPGIG VISTSKGAEI GLAMACYLKQ VIATVCINGP TTITIFPLRY QDLVMTPIHP ALERIQVHDS GALLFRYTTQ YLHNKLN SQN ILPVEKAQ GK ILFIVGENDE CLDSKLHAQK AMDRLQRHGR SSGRMLAYPG AGHLIEPPYS PVCFVAWFPV LGQPMCFGGD LMAHAAAQEH SWREIQKFFR KHLLQSGSKL</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>
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:

Acyl-Coenzyme A Amino Acid N-Acyltransferase 2 (ACNAT2)

Alternative Name:

Acnat2 ([ACNAT2 Products](#))

Background:

Acyl-coenzyme A amino acid N-acyltransferase 2 (EC 2.3.1.-),FUNCTION: Acyltransferase which efficiently conjugates very long-chain and long-chain fatty acids to taurine. Shows no conjugation activity in the presence of glycine (By similarity).
{ECO:0000250|UniProtKB:A2AKK5}.

Molecular Weight:

46.6 kDa

UniProt:

[Q8BGG9](#)

Application Details

Application Notes:

We expect the protein to work for functional studies. 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