

Datasheet for ABIN7552490  
**AWAT1 Protein (AA 1-328) (His tag)**



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## Overview

Quantity:	1 mg
Target:	AWAT1
Protein Characteristics:	AA 1-328
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This AWAT1 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

## Product Details

Purpose:	Custom-made recombinat AWAT1 Protein expressed in mammalien cells.
Sequence:	<p>MAHSKQPSHF QSLMLLQWPL SYLAIFWILQ PLFVYLLFTS LWPLPVLYFA WLFLDWKTPE            RGGRRSAWVR NWCVWTHIRD YFPITILKTK DLSPEHNYLM GVHPHGLLTF GAFCNFCTEA            TGFSKTFPGI TPHLATLSWF FKIPFVREYL MAKGVCSVSQ PAINYLLSHG TGNLVGIVVG            GVGEALQSVP NTTTTLILQKR KGFVRTALQH GAHLVPTFTF GETEVYDQVL FHKDSRMYKF            QSCFRRIFGF YCCVfyGQSF CQGSTGLLPY SRPIVTVVGE PLPLPQIEKP SQEMVDKYHA            LYMDALHKLF DQHKTHYGCS ETQKLFFL <b>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.</b></p>
Characteristics:	Key Benefits:

## Product Details

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- 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.

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Purity:	> 90 % as determined by Bis-Tris Page, Western Blot
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Grade:	custom-made
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## Target Details

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Target:	AWAT1
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Alternative Name:	AWAT1 ( <a href="#">AWAT1 Products</a> )
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Background:	Acyl-CoA wax alcohol acyltransferase 1 (EC 2.3.1.75) (Diacylglycerol O-acyltransferase 2-like protein 3) (Diacylglycerol acyltransferase 2) (Long-chain-alcohol O-fatty-acyltransferase 1),FUNCTION: Acyltransferase that catalyzes the formation of ester bonds between fatty alcohols and fatty acyl-CoAs to form wax monoesters (PubMed:15671038). Shows a strong preference for decyl alcohol (C10), with less activity towards C16 and C18 alcohols (PubMed:15671038). Shows a strong preference for saturated acyl-CoAs (PubMed:15671038). {ECO:0000269 PubMed:15671038}.
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Molecular Weight:	37.8 kDa
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UniProt:	<a href="#">Q58HT5</a>
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## Application Details

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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
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## Application Details

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guarantee though.

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Restrictions: For Research Use only

## Handling

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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