

Datasheet for ABIN7556324

## AGTRAP Protein (AA 1-161) (His tag)



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### Overview

Quantity:	1 mg
Target:	AGTRAP
Protein Characteristics:	AA 1-161
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This AGTRAP protein is labelled with His tag.

### Product Details

Purpose:	Custom-made recombinant Agtrap Protein expressed in mammalian cells.
Sequence:	<p>MELPAVNLKV ILLVHWLLTT WGCLVFSSSY AWGNFTILAL GVWAVAQRDS IDAIGMFLGG</p> <p>LVATIFLDII YISIFYSSVA TGDTGRFGAG MAILSLLLKP FSCCLVYHMH RERGELPLR</p> <p>PDFFGPSQEH SAYQTIDSSS DAAADPFASL ENKGQAVPRG Y <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>
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.
Characteristics:	<p>Key Benefits:</p> <ul style="list-style-type: none"> <li>• Made to order protein - from design to production - by highly experienced protein experts.</li> <li>• Protein expressed in mammalian cells and purified in one-step affinity chromatography</li> <li>• The optimized expression system ensures reliability for intracellular, secreted and</li> </ul>

## Product Details

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:	AGTRAP
Alternative Name:	Agtrap ( <a href="#">AGTRAP Products</a> )
Background:	Type-1 angiotensin II receptor-associated protein (AT1 receptor-associated protein),FUNCTION: Appears to be a negative regulator of type-1 angiotensin II receptor-mediated signaling by regulating receptor internalization as well as mechanism of receptor desensitization such as phosphorylation. Induces also a decrease in angiotensin II-stimulated transcriptional activity. May play a role of negative regulator in cardiomyocyte hypertrophy induced by angiotensin II through an inhibition of p38 mitogen-activated protein kinase pathway. {ECO:0000269 PubMed:10358057, ECO:0000269 PubMed:15757644}.
Molecular Weight:	17.5 kDa
UniProt:	<a href="#">Q9WVK0</a>

## 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