

Datasheet for ABIN7549179

## MAS1 Protein (AA 1-325) (His tag)



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### Overview

Quantity:	1 mg
Target:	MAS1
Protein Characteristics:	AA 1-325
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This MAS1 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

### Product Details

Purpose:	Custom-made recombinat MAS1 Protein expressed in mammalian cells.
Sequence:	<p>MDGSNVTSTFV VEEPTNISTG RNASVGNHR QIPVHWVIM SISPVGFVEN GILLWFLCFR</p> <p>MRRNPFTVYI THLSIADISL LFCIFILSID YALDYELSSG HYYTIVTSLV TFLFGYNTGL YLLTAISVER</p> <p>CLSVLYPIWY RCHRPKYQSA LVCALLWALS CLVTTMEYVM CIDREEESH S RND CRAVIIF</p> <p>IALSFLVFT PLMLVSSTIL VVKIRKNTWA SHSSKLYIVI MVTIIIFLIF AMPMRLLYLL YYEYWSTFGN</p> <p>LHHISLLFST INSSANPFYI FVGSSKKKR FKESLKVLT RAFKDEMQR RQKDN CNTVT VETV</p> <p><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:	<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> </ul>
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## Product Details

- 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:	MAS1
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Alternative Name:	MAS1 ( <a href="#">MAS1 Products</a> )
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Background:	Proto-oncogene Mas,FUNCTION: Receptor for angiotensin 1-7 (By similarity). Acts specifically as a functional antagonist of AGTR1 (angiotensin-2 type 1 receptor), although it up-regulates AGTR1 receptor levels. Positive regulation of AGTR1 levels occurs through activation of the G-proteins GNA11 and GNAQ, and stimulation of the protein kinase C signaling cascade. The antagonist effect on AGTR1 function is probably due to AGTR1 being physically altered by MAS1. {ECO:0000250, ECO:0000269 PubMed:15809376, ECO:0000269 PubMed:16611642}.
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Molecular Weight:	37.5 kDa
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UniProt:	<a href="#">P04201</a>
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Pathways:	<a href="#">ACE Inhibitor Pathway</a> , <a href="#">Regulation of Carbohydrate Metabolic Process</a>
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## 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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Application Details

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