

Product Information

MemDX™ Membrane Protein Human MAS1 (MAS1 proto-oncogene, G protein-coupled receptor) with GST-tag for Antibody Discovery

Cat. No.: **MP0681X**

This product is for research use only and is not intended for diagnostic use.

This product is a 63.9 kDa Human MAS1 membrane protein expressed in *in vitro* wheat germ expression system. The protein is for research use only and is not approved for use in humans or in clinical diagnosis.

Product Specifications

Host Species

Human

Target Protein

MAS1

Protein Length

Full-length

Molecular Weight

63.9 kDa

TMD

7

Sequence

MDGSNVTSTFVVEPTNISTGRNASVGNHRQIPVHWVIMSISPVGFVENGILLWFLCFMRMRNPFTVYITHLSIADISLLFCIFILSIDY

Product Description

Application

Enzyme-linked Immunoabsorbent Assay, Western Blot (Recombinant protein), Antibody Production, Protein Array

Expression Systems

in vitro wheat germ expression system

Tag

GST-tag at N-terminal

Form

Liquid

Purification

Glutathione Sepharose 4 Fast Flow

Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer

Storage

Store at +4°C for up to one week or several months at -80°C

Target**Target Protein**

MAS1

Full Name

MAS1 proto-oncogene, G protein-coupled receptor

Introduction

This gene encodes a class I seven-transmembrane G-protein-coupled receptor. The encoded protein is a receptor for angiotensin-(1-7) and preferentially couples to the Gq protein, activating the phospholipase C signaling pathway. The encoded protein may play a role in multiple processes including hypotension, smooth muscle relaxation and cardioprotection by mediating the effects of angiotensin-(1-7)

Alternative Names

MAS; MGRA

Gene ID

[4142](#)

UniProt ID

[P04201](#)