

## Product Information

### **MemDX™ Membrane Protein Human MAS1 (MAS1 proto-oncogene, G protein-coupled receptor) Full Length**

Cat. No.: **MPC0334K**

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

This product is a 37.4 kDa Human MAS1 membrane protein expressed in Baculovirus/Insect 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

##### Protein Class

GPCR

##### Molecular Weight

37.4 kDa

##### TMD

7

##### Sequence

MDGSNVTSTFVVEPTNISTGRNASVGNHRQIPVHWVIMSISPVGFVEN  
GILLWFLCFMRNRPFTVYITHLSIADISLLFCIFILSIDYALDYELSSG  
HYYTIVTSLVTFLFGYNTGLYLLTAISVERCLSVLYPIWYRCHRPKYQSA  
LVCALLWALSCLVTTMEYVMCIDREEESHRSRND CRAVIIFAILSFVLFT  
PLMLVSSTILVVKIRKNTWASHSSKLYIVIMVTIIIFLIFAMPMRLLYLL  
YYEYWSTFGNLHHISLLFSTINSSANPFIYFFVGSSKKKRFKESLKVLT  
RAFKDEMQPRRQKDN CNTVTVETVV

#### Product Description

##### Expression Systems

Baculovirus/Insect expression system

##### Tag

Based on specific requirements

**Protein Format**

Detergent or based on specific requirements

**Form**

Liquid

**Storage**

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -70°C or lower. Avoid freeze/thaw cycles.

**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; proto-oncogene Mas; MAS1 oncogene; Mas-related G protein-coupled receptor A; MAS1; MAS1 proto-oncogene, G protein-coupled receptor

**Gene ID**

[4142](#)

**UniProt ID**

[P04201](#)