

## Product Information

### **MemDX™ Membrane Protein Human MAS1 (MAS1 proto-oncogene, G protein-coupled receptor) Expressed *in vitro* E.coli expression system, Full Length**

Cat. No.: **MPX3317K**

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

This product is a Human MAS1 membrane protein expressed *in vitro* E.coli 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

##### **TMD**

7

##### **Sequence**

MDGSNVTSTFVVEPTNISTGRNASVGNAHRQIPIVHWVIMSISPVGFVENGILLWFLCFMRMRNPFTVYITHLSIADISLLFCIFILSIDY

#### Product Description

##### **Expression Systems**

*in vitro* E.coli expression system

##### **Tag**

10xHis tag at the N-terminus

##### **Protein Format**

Soluble

##### **Form**

Liquid or Lyophilized powder

##### **Buffer**

Tris/PBS-based buffer, 6% Trehalose, pH 8.0

### **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**

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

#### **Gene ID**

[4142](#)

#### **UniProt ID**

[P04201](#)