

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

MDGSNVTSFVVEEPTNISTGRNASVGNAHRQIPIVHWVIMSISPVGFENGILLWFLCFRMRRNPFTVYITHLSIADISLLFCIFILSIDY

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](#)