

Product Information

MemDX™ Membrane Protein Human RGS12 (Regulator of G protein signaling 12) for Antibody Discovery

Cat. No.: **MP1080X**

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

This product is a 87.15 kDa Human RGS12 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

RGS12

Protein Length

Full-length

Molecular Weight

87.15 kDa

Sequence

MKKHDF AENLPSSLLIIILVIFTLSGSKFGRGTGLTQPSQRTSARRSFGRSKRFSITRSLDDLESATVSDGELTGADLKDCVSNNSLSS

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

Storage

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

Target

Target Protein

RGS12

Full Name

Regulator of G protein signaling 12

Introduction

This gene encodes a member of the 'regulator of G protein signaling' (RGS) gene family. The encoded protein may function as a guanosine triphosphatase (GTPase)-activating protein as well as a transcriptional repressor. This protein may play a role in tumorigenesis. Multiple transcript variants encoding distinct isoforms have been identified for this gene. Other alternative splice variants have been described but their biological nature has not been determined.

Alternative Names

regulator of G-protein signaling 12; regulator of G-protein signalling 12

Gene ID

[6002](#)

UniProt ID

[Q14924](#)