

Product Information

MemDX™ Membrane Protein Human GPR182 (G protein-coupled receptor 182) Expressed *in vitro* *E.coli* expression system, Full Length

Cat. No.: **MPX3538K**

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

This product is a Human GPR182 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

GPR182

Protein Length

Full Length

Protein Class

GPCR

TMD

7

Sequence

MSVKPSWGPGPSEGVTAVPTSDLGEIHNWTELLDLFNHTLSECHVELSQSTKRVLFLALYLAMFVVGLENLLVICVNWRGSGRAC

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

GPR182

Full Name

G protein-coupled receptor 182

Introduction

Adrenomedullin is a potent vasodilator peptide that exerts major effects on cardiovascular function. This gene encodes a seven-transmembrane protein that belongs to the family 1 of G-protein coupled receptors. Studies of the rat counterpart suggest that the encoded protein may function as a receptor for adrenomedullin.

Alternative Names

GPR182; AMR; 7TMR; ADMR; AM-R; G10D; L1-R; gamrh; hrhAMR; adrenomedullin receptor; G protein-coupled receptor 182

Gene ID

[11318](#)

UniProt ID

[Q15218](#)