

Product Information

MemDX™ Membrane Protein Human GPR182 (G protein-coupled receptor 182) Full Length

Cat. No.: **MPC0145K**

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

This product is a 45.3 kDa Human GPR182 membrane protein expressed in HEK293. 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

Molecular Weight

45.3 kDa

TMD

7

Sequence

MSVKPSWGPSPSEGVTA VPTSDLGEIHNWTELLDLFNHTLSECHVELSQS
TKRVVLFALYLAMFVVGLVENLLVICVNWRGSGRAGLMNLYILNMAIADL
GIVLSLPVWMLEVTLDTWLWGSFSCRFTHYFYFVNMYSSIFFLVCLSDV
RYVTLTSASPSWQRYQHRVRRAMCAGIWVLSAIIPLPEVVHIQLVEGPEP
MCLFMAPFETYSTWALAVALSTTILGFLLPFPLITVFNVLTACRLRQPGQ
PKSRRHCLLLCAYVAVFVMCWLPHYVTLLLLTLHGTHISLHCHLVHLLYF
FYDVIDCFSM LHCVINPILYNFLSPHFRGRLLNAV VHYLPKDQTKAGTCA
SSSSCSTQHSIIITKGDSQPAAPHPPEPSLSFQAHHLLPNTSPISPTQP
LTPS

Product Description

Expression Systems

HEK293

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**

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

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

Gene ID

[11318](#)

UniProt ID

[O15218](#)