

Product Information

MemDX™ Membrane Protein Human VIPR2 (Vasoactive intestinal peptide receptor 2) for Antibody Discovery

Cat. No.: **MP0809J**

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

This product is a 49.3 kDa Human VIPR2 membrane protein expressed in HEK293T. 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

VIPR2

Protein Length

Full-length

Protein Class

Druggable Genome, GPCR, Transmembrane

Molecular Weight

49.3 kDa

TMD

7

Sequence

MRTLPPALLTCWLLAPVNSIHPECRFHLEIQEEETKCAELLRSQTEKHKACSGVWDNITCWRPANVGET
VTVPCKVFSNFYSKAGNISKNTSDGWSETFPDFVDACGYSDPEDESKITFYILVKAIYTLGYSVSLMS
LATGSIILCLFRKLHCTRNYIHLNLFSLFILRAISVLVKDDVLYSSSGTLHCPDQPSSWVGCKLSLVFLQ
YCI MANFFWLLVEGLYLHTLLVAMLPPRRCFLAYLLIGWGLPTVCIGAWTAARLYLEDTG CWD TNDHSVP
WWVIRIPILISIVNFVLFISIIRILLQKLTSPDVGGNDQSQYKRLAKSTLLLIPLFVGHYMFVAVFPIS
ISSKYQILFELCLGSFQGLVVAVLYCFLNSEVQCELRKRWRSRCPGPSASRDYRVCGSSFSRNGSEGALQ
FHRGSAQSFLQTETSVI

Product Description

Expression Systems

HEK293T

Tag

C-Myc/DDK

Form

Liquid

Purification

Anti-DDK affinity column followed by conventional chromatography steps

Purity

> 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer

25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol

Storage

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

Target**Target Protein**

VIPR2

Full Name

Vasoactive intestinal peptide receptor 2

Introduction

This gene encodes a receptor for vasoactive intestinal peptide, a small neuropeptide. Vasoactive intestinal peptide is involved in smooth muscle relaxation, exocrine and endocrine secretion, and water and ion flux in lung and intestinal epithelia. Its actions are effected through integral membrane receptors associated with a guanine nucleotide binding protein which activates adenylate cyclase.

Alternative Names

C16DUPq36.3; DUP7q36.3; PACAP-R-3; PACAP-R3; VIP-R-2; VPAC2; VPAC2R; VPCAP2R

Gene ID

[7434](#)

UniProt ID

[P41587](#)