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Product Information

MemDX™ Membrane Protein Human VIPR2 (Vasoactive intestinal peptide receptor 2, 1-438 aa) expressed in *In vitro* wheat germ expression system for Antibody Discovery

Cat. No.: **MP1484X**
This product is for research use only and is not intended for diagnostic use.

This product is a 73.92 kDa Human VIPR2 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
VIPR2

Protein Length
Full-length

Molecular Weight
73.92 kDa

TMD
7

Sequence
MRTLLPPALLTCWLLAPVNSIHPECRFHLEIQEEETKCAELLRSQTEKHKACSGVWDNITCWRPANVGETVTVPCPKVFSNFYSKAC

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

Protein Format
Liposome

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

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

VPAC2; VPAC2R; VIP-R-2; VPCAP2R; PACAP-R3; DUP7q36.3; PACAP-R-3; C16DUPq36.3; vasoactive intestinal polypeptide receptor 2; PACAP type III receptor; VIP and PACAP receptor 2; helodermin-preferring VIP receptor; pituitary adenylate cyclase-activating polypeptide type III receptor

Gene ID

7434

UniProt ID

P41587

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