

Product Information

MemDX™ Membrane Protein Human RAMP2 (Receptor activity modifying protein 2) Full Length

Cat. No.: **MPC1064K**

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

This product is a 19.6 kDa Human RAMP2 membrane protein expressed in Baculovirus/Insect 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

RAMP2

Protein Length

Full length

Protein Class

Transporter

Molecular Weight

19.6 kDa

TMD

1

Sequence

MASLRVERAGGPRLPRTRVGRPAALRLLLLLGAVLNPHEALAQPLPTTGT
PGSEGGTVKNYETAVQFCWNHYKDQMDPIEKDWCDWAMISRPYSTLRDCL
EHFAELFDLGFPNPLAERIIFETHQIHFANCSLVQPTFSDPPEDVLLAMI
IAPICLIPFLITLVVWRSKDSEAQA

Product Description

Expression Systems

Baculovirus/Insect expression system

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**

RAMP2

Full Name

Receptor activity modifying protein 2

Introduction

The protein encoded by this gene is a member of the RAMP family of single-transmembrane-domain proteins, called receptor (calcitonin) activity modifying proteins (RAMPs). RAMPs are type I transmembrane proteins with an extracellular N terminus and a cytoplasmic C terminus. RAMPs are required to transport calcitonin-receptor-like receptor (CRLR) to the plasma membrane. CRLR, a receptor with seven transmembrane domains, can function as either a calcitonin-gene-related peptide (CGRP) receptor or an adrenomedullin receptor, depending on which members of the RAMP family are expressed. In the presence of this (RAMP2) protein, CRLR functions as an adrenomedullin receptor. The RAMP2 protein is involved in core glycosylation and transportation of adrenomedullin receptor to the cell surface.

Alternative Names

RAMP2; CRLR activity-modifying protein 2; calcitonin receptor-like receptor activity modifying protein 2; receptor (G protein-coupled) activity modifying protein 2; receptor (calcitonin) activity modifying protein 2; receptor activity-modifying protein 2; Receptor activity modifying protein 2

Gene ID

[10266](#)

UniProt ID

[O60895](#)