

# Product Information

## MemDX™ Membrane Protein Human RAMP3 (Receptor activity modifying protein 3) Full Length

Cat. No.: **MPC1065K**

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

This product is a 16.5 kDa Human RAMP3 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

RAMP3

#### Protein Length

Full length

#### Protein Class

Transporter

#### Molecular Weight

16.5 kDa

#### TMD

1

#### Sequence

METGALRRPQLPLLLLLCGGCPRAGGCNETGMLERLPLCGKAFADMMGK  
VDVWKWCNLSEFIVYYESFTNCTEMEANVVG CYWPNPLAQGFITGIHRQF  
FSNCTVDRVHLEDPPDEVLIPLIVPVVLTVMAGLVVWRSKRTDTLL

### Product Description

#### Expression Systems

Baculovirus/Insect expression system

#### Tag

Flag tag at N-terminal

#### 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**

RAMP3

**Full Name**

Receptor activity modifying protein 3

**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 (RAMP3) protein, CRLR functions as an adrenomedullin receptor.

**Alternative Names**

RAMP3; CRLR activity-modifying protein 3; calcitonin receptor-like receptor activity modifying protein 3; receptor (G protein-coupled) activity modifying protein 3; receptor (calcitonin) activity modifying protein 3; receptor activity-modifying protein 3; Receptor activity modifying protein 3

**Gene ID**

[10268](#)

**UniProt ID**

[O60896](#)