



# SZABO SCANDIC

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## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## Datasheet

### RAMP1 (Human) Recombinant Protein (P01)

**Catalog Number:** H00010267-P01

**Regulation Status:** For research use only (RUO)

**Product Description:** Human RAMP1 full-length ORF (AAH00548.1, 1 a.a. - 148 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

MARALCRLPRRGLWLLLAHHLFMTTACQEANYGALLR  
ELCLTQFQVDMEAVGETLWCDWGRRTIRSYRELADCT  
WHMAEKLGCFWPNAEVD RFFLA VHGRYFRSCPISGR  
AVRDPPGSILYPFIVPITVTLVLTALVVWQSKRTEGIV

**Host:** Wheat Germ (in vitro)

**Theoretical MW (kDa):** 42.02

**Applications:** AP, Array, ELISA, WB-Re

(See our web site product page for detailed applications information)

**Protocols:** See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Preparation Method:** [in vitro wheat germ expression system](#)

**Purification:** Glutathione Sepharose 4 Fast Flow

**Storage Buffer:** 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

**Storage Instruction:** Store at -80°C. Aliquot to avoid repeated freezing and thawing.

**Entrez GeneID:** 10267

**Gene Symbol:** RAMP1

**Gene Alias:** -

**Gene Summary:** 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 (RAMP1) protein, CRLR functions as a CGRP receptor. The RAMP1 protein is involved in the terminal glycosylation, maturation, and presentation of the CGRP receptor to the cell surface. [provided by RefSeq]