



# SZABO SCANDIC

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## Produktinformation



Forschungsprodukte & Biochemikalien



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### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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## Datasheet

### RAMP2 (Human) Recombinant Protein (Q01)

**Catalog Number:** H00010266-Q01

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

**Product Description:** Human RAMP2 partial ORF ( NP\_005845, 45 a.a. - 144 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

LPTTGTPGSEGGTVKKNYETAVQFCWNHYKDQMDPIE  
KDWCDWAMISRPYSTLRDCLFHFAELFDLGFNPLAE  
RIIFETHQIHFANCSLVQPTFSDPPED

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

**Theoretical MW (kDa):** 36.74

**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:** 10266

**Gene Symbol:** RAMP2

**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 (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. [provided by RefSeq]