

## Product datasheet for **AR50794PU-N**

### **RAMP3 (24-118, His-tag) Human Protein**

#### **Product data:**

Product Type:	Recombinant Proteins
Description:	RAMP3 (24-118, His-tag) human recombinant protein, 0.1 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MRAGGCNETG MLERLPLCGK AFADMMGKVD VWKWCNLSEF IVYYESFTNC TEMEANVVC YWPNPLAQGF ITGIHRQFFS NCTVDRVHLE DPPDEV
Tag:	His-tag
Predicted MW:	13.0 kDa
Concentration:	lot specific
Purity:	>90% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 10% glycerol 0.1M NaCl
Preparation:	Liquid purified protein
Protein Description:	Recombinant human RAMP3 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	<a href="#">NP_005847</a>
Locus ID:	10268
UniProt ID:	<a href="#">O60896</a> , <a href="#">A4D2L1</a>
Cytogenetics:	7p13


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**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 (RAMP3) protein, CRLR functions as an adrenomedullin receptor. [provided by RefSeq, Jul 2008]

**Protein Families:**

Druggable Genome, Transmembrane

**Protein Pathways:**

Vascular smooth muscle contraction

**Product images:**
