

# Product datasheet for AR50794PU-N

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

### **Product data:**

#### OriGene Technologies, Inc.

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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 TEMEANVVGC 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:	<u>NP 005847</u>	
Locus ID:	10268	
UniProt ID:	<u>O60896</u> , <u>A4D2L1</u>	
Cytogenetics:	7p13	



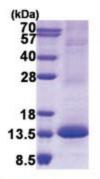
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## **GRIGENE** RAMP3 (24-118, His-tag) Human Protein – AR50794PU-N

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 Pathwavs:	Vascular smooth muscle contraction

# **Product images:**



15% SDS-PAGE (3ug)

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