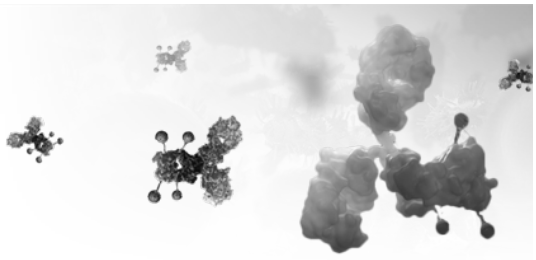

Mouse RAMP1 blocking peptide (CDBP2467)

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

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-Ramp1 (C-Term., mouse) antibody
Antigen Description	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, Jul 2008]
Species	Mouse
Conjugate	Unconjugated
Applications	Apuri, BL, ELISA
Format	Lyophilized powder
Size	100 µg
Preservative	None
Storage	Shipped at ambient temperature, store at -20°C.

GENE INFORMATION

Gene Name	Ramp1 receptor (calcitonin) activity modifying protein 1 [Mus musculus]

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Official Symbol	RAMP1
Synonyms	RAMP1; receptor (calcitonin) activity modifying protein 1; receptor activity-modifying protein 1; 9130218E19Rik; MGC38240;
Entrez Gene ID	51801
mRNA Refseq	NM_001168392
Protein Refseq	NP_001161864
Pathway	Calcitonin-like ligand receptors, organism-specific biosystem; Class B/2 (Secretin family receptors), organism-specific biosystem; G alpha (s) signalling events, organism-specific biosystem; GPCR downstream signaling, organism-specific biosystem; GPCR ligand binding, organism-specific biosystem; Myometrial Relaxation and Contraction Pathways, organism-specific biosystem; Signal Transduction, organism-specific biosystem;
Function	calcitonin receptor activity; calcitonin receptor binding; coreceptor activity; coreceptor activity; protein transporter activity; receptor activity;

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