

Recombinant Human RAMP1

Catalog No: #GP10711



Package Size: #GP10711-1 100ug

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Description

Product Name	Recombinant Human RAMP1
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 27-117 amino acids of human receptor (G protein-coupled) activity modifying protein 1
Target Name	Receptor (G protein-coupled) activity modifying protein 1
Accession No.	Swissprot:O60894Gene Accession:BC000548
Uniprot	O60894
GeneID	10267;
Storage	-20~-80°C, pH 7.6 PBS

Background

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.

References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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