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RAMP1, 27-117aa, Human, His tag, E.coli

产品货号: TP03667

第三版

别名: Receptor activity-modifying protein 1 precursor, CRLR activity-modifying protein 1, Calcitonin-receptor-like receptor activity-modifying protein 1, Receptor activity-modifying protein 1, receptor (G protein-coupled) activity modifying protein 1

描述: RAMP 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. Recombinant human RAMP1 protein, fused to His-tag at N-terminus, was expressed in E.coli.

配方: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.4M Urea, 10% glycerol

分子量: 12.9 kDa (114aa)

序列:

MGSSHHHHHSSGLVPRGSHMGSCQEANYGALLRELCLTQFQVDMEAVGETLWCDWGRTIRSYRELADCTWHMAEK
LGCFWPNAEVDRFFLA VHGRYFRSCPISGRAVRDPPGS

纯度: > 95% by HPLC

浓度: 0.25 mg/ml (determined by Bradford assay)

内毒素: <1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.