9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

32-4596: Recombinant Human Receptor Activity-Modifying Protein 3

Alternative Name : Receptor (calcitonin) activity modifying protein 3,Calcitonin-receptor-like receptor activity-modifying protein 3,CRLR activity-modifying protein 3,RAMP3.

Description

Source : E.coli. RAMP3 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 116 amino acids (24-118 a.a) and having a molecular mass of 13kDa. RAMP3 is fused to a 21 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. Receptor activity modifying protein 3 (RAMP3) belongs to the RAMP family of single-transmembrane-domain proteins, named receptor (calcitonin) activity modifying proteins (RAMPs). RAMP3 is needed to transport calcitonin-receptor-like receptor (CRLR) to the plasma membrane. CRLR acts as either a calcitonin gene-related peptide (CGRP) receptor or an adrenomedullin receptor, depending on which members of the RAMP family are expressed. The existence of RAMP3 effects CRLR to function as an adrenomedullin receptor.

Product Info

Amount :	10 µg
Purification :	Greater than 90% as determined by SDS-PAGE.
Content :	RAMP3 protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 10% glycerol and 0.1M NaCl.
Storage condition :	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.
Amino Acid :	MGSSHHHHHH SSGLVPRGSH MRAGGCNETG MLERLPLCGK AFADMMGKVD VWKWCNLSEF IVYYESFTNC TEMEANVVGC YWPNPLAQGF ITGIHRQFFS NCTVDRVHLE DPPDEV.

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