

## 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 TEMEANVVGVC YWPNPQAQGF ITGIHRQFFS NCTVDRVHLE DPPDEV.

