

## Receptor Activity-Modifying Protein 1 Human Recombinant

<b>Item Number</b>	rAP-4629
<b>Synonyms</b>	Receptor (G Protein-Coupled) Activity Modifying Protein 1, Receptor (Calcitonin) Activity Modifying Protein 1, Calcitonin-Receptor-Like Receptor Activity-Modifying Protein 1, CRLR Activity-Modifying Protein 1.
<b>Description</b>	RAMP1 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 114 amino acids (27-117) and having a molecular mass of 12.9 kDa. RAMP1 is fused to a 23 amino acid His-tag at N-terminus.
<b>Uniprot Accession Number</b>	O60894
<b>Amino Acid Sequence</b>	MGSSHHHHHH SSGLVPRGSH MGSCQEANYG ALLRELCLTQ FQVDMEAVGE TLWCDWGRTI RSYRELADCT WHMAEKLKGF WPNAEVDKRF LAVHGRYFRS CPISGRAVRD PPGS
<b>Source</b>	Escherichia Coli.
<b>Physical Appearance and Stability</b>	Sterile Filtered clear solution. 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.
<b>Formulation and Purity</b>	The RAMP1 solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea and 10% glycerol. Greater than 80% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**