

Recombinant Human RAMP3(M33L) Protein

Catalog No.: RP00782LQ Recombinant

Sequence Information

Species Gene ID Swiss Prot Human 10268 060896

Tags

C-8×His

Synonyms

RAMP3; Receptor activity-modifying protein 3; RAMP3-H

Product Information

Source Purification CHO Cells ≥ 95 % as

determined by SDS-

PAGE.

Calculated MW Observed MW

11.89 kDa 25-35 kDa

Endotoxin

< 0.1 EU/ μ g of the protein by LAL method.

Formulation

Supplied as $0.22\mu m$ filtered solution in PBS (pH 7.4).

Reconstitution

Background

RAMP3 belongs to the RAMP family. Accessory protein that interacts with and modulates the function of G-protein coupled receptors including calcitonin generelated peptide type 1 receptor (CALCRL), calcitonin receptor (CALCR) and G-protein coupled estrogen receptor 1 (GPER1) .Required for the transport of CALCRL and GPER1 receptors to the plasma membrane .Plays a role in cardioprotection by reducing cardiac hypertrophy and perivascular fibrosis in a GPER1-dependent manner.Together with CALCRL, form a receptor complex for adrenomedullin/ADM and intermedin/ADM2 .Together with CALCR, act as a receptor complex for amylin/IAPP.

Basic Information

Description

Recombinant Human RAMP3(M33L) Protein is produced by CHO Cells system. The target protein is expressed with sequence (Arg24-Val118) of Human RAMP3 (Accession #NP_005847.1) fused with His tag at the C-Terminus..

Bio-Activity

Shipping

The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.

Storage

Store at -70°C. This product is stable at \leq -70°C for up to 1 year from the date of receipt. For optimal storage, aliquot into smaller quantities after centrifugation and store at recommended temperature. Avoid repeated freeze-thaw cycles. Avoid repeated freeze/thaw cycles.

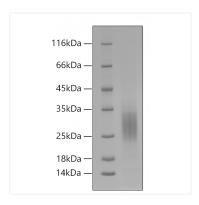
Operational Notes

For your safety and health, please wear a lab coat and disposable gloves for handling.

Contact

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Validation Data



Recombinant Human RAMP3(M33L) Protein was determined by SDS-PAGE with Coomassie Blue.