

RP00782LQ

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Recombinant Human RAMP3(M33L) Protein

Catalog No.: RP00782LQ

Recombinant

Sequence Information

Species	Gene ID	Swiss Prot
CHO Cells	10268	O60896

Tags

C-8×His

Synonyms

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

Product Information

Source

Purification

≥ 95 % as determined by SDS-PAGE.

Endotoxin

< 0.1 EU/μg of the protein by LAL method.

Formulation

Supplied as 0.22μm 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 gene-related 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

Measured by its binding ability in a functional ELISA. Immobilized Human RAMP3(M33L) (Catalog: RP0782LQ) at 2 μg/mL (100 μL/well) can bind RAMP3 Rabbit pAb (Catalog: A6715) with a linear range of 0.10-8.48 ng/mL.

Shipping

Lyophilized proteins are shipped at ambient temperature.
Liquid proteins are shipped at frozen temperature with dry ice.
Upon receipt, store it immediately at the temperature recommended below.

Operational Notes

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

Storage

Store at -80°C
Avoid repeated freeze/thaw cycles.

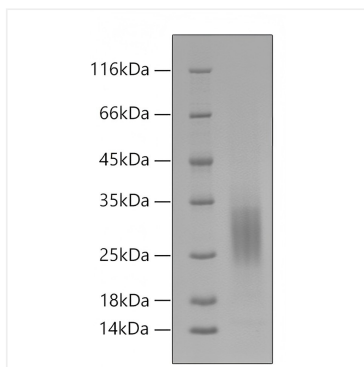
Contact



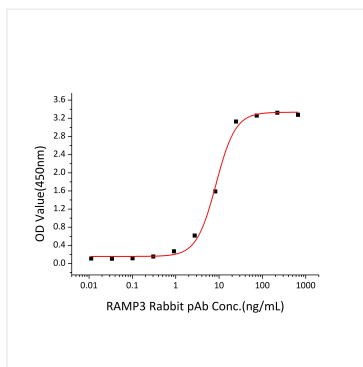
www.abclonal.com

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Validation Data



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



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