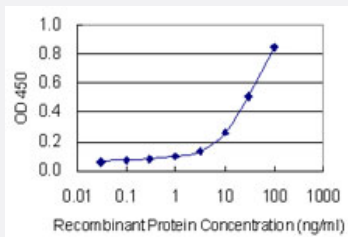


# RAMP2 monoclonal antibody (M05), clone 2F5

Catalog # H00010266-M05

Size 100 ug

## Applications



### Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged RAMP2 is 1 ng/ml as a capture antibody.

## Specification

<b>Product Description</b>	Mouse monoclonal antibody raised against a partial recombinant RAMP2.
<b>Immunogen</b>	RAMP2 (NP_005845.1, 58 a.a. ~ 145 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
<b>Sequence</b>	VKNYETAVQFCWNHYKDQMDPIEKDWCDWAMISRPYSTLRDCLEHFAELFDLGFPNPLAERIIFE THQIHFANCSLVQPTFSDPPEDV
<b>Host</b>	Mouse
<b>Reactivity</b>	Human
<b>Isotype</b>	IgG1 Kappa
<b>Quality Control Testing</b>	Antibody Reactive Against Recombinant Protein.
<b>Storage Buffer</b>	In 1x PBS, pH 7.4
<b>Storage Instruction</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## Applications

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged RAMP2 is 1 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

## Gene Info — RAMP2

Entrez GeneID [10266](#)

GeneBank Accession# [NM\\_005854](#)

Protein Accession# [NP\\_005845.1](#)

Gene Name RAMP2

Gene Alias -

Gene Description receptor (G protein-coupled) activity modifying protein 2

Omim ID [605154](#)

Gene Ontology [Hyperlink](#)

**Gene Summary** The protein encoded by this gene is a member of the RAMP family of single-transmembrane-domain proteins, called receptor (calcitonin) activity modifying proteins (RAMPs). RAMPs are type I transmembrane proteins with an extracellular N terminus and a cytoplasmic C terminus. RAMPs are required to transport calcitonin-receptor-like receptor (CRLR) to the plasma membrane. CRLR, a receptor with seven transmembrane domains, can function as either a calcitonin-gene-related peptide (CGRP) receptor or an adrenomedullin receptor, depending on which members of the RAMP family are expressed. In the presence of this (RAMP2) protein, CRLR functions as an adrenomedullin receptor. The RAMP2 protein is involved in core glycosylation and transportation of adrenomedullin receptor to the cell surface. [provided by RefSeq]

**Other Designations** calcitonin receptor-like receptor activity modifying protein 2|receptor (calcitonin) activity modifying protein 2|receptor activity modifying protein 2|receptor-activity-modifying protein 2

## Pathway

- [Vascular smooth muscle contraction](#)

## Disease

- [Arthritis](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)