Recombinant Mouse Ramp2 Protein (Ser45-Val159), C-His tagged

Cat. No. Ramp2-6783M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant mouse Ramp2 (Ser45-Val159) fused with the C-His tag was expressed in mammalian cells.
Species	Mouse
Source	Mammalian Cells
ProteinLength	Ser45-Val159
Description	Enables coreceptor activity. Involved in several processes, including cell-cell junction assembly; circulatory system development; and negative regulation of endothelial cell apoptotic process. Acts upstream of or within G protein-coupled receptor signaling pathway. Predicted to be located in cytoplasm. Predicted to be part of adrenomedullin receptor complex and amylin receptor complex 2. Predicted to be active in cell surface. Predicted to colocalize with plasma membrane. Is expressed in several structures, including cardiovascular system; forelimb bud; gut; liver; and prostate gland lobe. Human ortholog (s) of this gene implicated in hypertension. Orthologous to human RAMP2 (receptor activity modifying protein 2).
Form	Lyophilized powder/frozen liquid
Molecular Mass	14.15 kDa
Purity	> 90 % as determined by SDS-PAGE

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Notes	For research use only.
Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 centigrade for one week. Store at -20 to -80 centigrade for twelve months from the date of receipt.
Storage Buffer	Supplied as solution form in PBS, pH 7.5 or lyophilized from PBS, pH 7.5.
Reconstitution	Reconstitute in sterile water for a stock solution.
Shipping	They are shipped out with dry ice/blue ice unless customers require otherwise.

GENE INFORMATION

Gene Name	Ramp2 receptor (calcitonin) activity modifying protein 2 [Mus musculus (house mouse)]
Official Symbol	Ramp2
Synonyms	Ramp2; receptor (calcitonin) activity modifying protein 2; receptor activity-modifying protein 2
Gene ID	54409
mRNA Refseq	NM_019444
Protein Refseq	NP_062317
UniProt ID	Q9WUP0

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