

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

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

SPECIFICATION

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| 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

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| 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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