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Product datasheet for SC204571

RAMP1 (NM_005855) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	RAMP1 (NM_005855) Human 3' UTR Clone
Symbol:	RAMP1
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_005855
Insert Size:	353 bp
Insert Sequence:	>SC204571 3'UTR clone of NM_005855 The sequence shown below is from the reference sequence of NM_005855. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC CAGAGCAAGCGCACTGAGGGCATTGTGTAGGCGGGGCCCAGGCTGCCCGCGGGTGCACCCAGGCTGCAG GGTGAGGCCAGGCAGGCCTGGGTAGGGGCAGCTTCTGGAGCCTTGGGACAGAGCAGGCCCACAATGCCC CCCTTCTTCCAGCCAAGAAGAGCTCACAGGAGTCCAGAGTAGCCGAGGCTCTGGTATTAACCTGGAAGC CCCCCTGGCTGGAGGCCACCGCCACCCTAGGAAGGGGGCAGGGACGTGACCTTGACTTACCTCTGGAAA GGGTCCCAGCCTAGACTGCTTACCCCATAGCCACATTTGTGGATGAGTGGTTTGTGATTAAAAGGGATG TTCTTGAA ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGG
Restriction Sites:	SgfI-MluI
OTI Disclaimer:	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).
Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
RefSeq:	NM_005855.4

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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 (RAMP1) protein, CRLR functions as a CGRP receptor. The RAMP1 protein is involved in the terminal glycosylation, maturation, and presentation of the CGRP receptor to the cell surface. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Apr 2015]

Locus ID: 10267

MW: 12.9