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Product datasheet for SC202422

RAMP2 (NM_005854) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	RAMP2 (NM_005854) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	RAMP2
ACCN:	NM_005854
Insert Size:	219 bp
Insert Sequence:	>SC202422 3'UTR clone of NM_005854 The sequence shown below is from the reference sequence of NM_005854. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC AGGAGTAAAGACAGTGAGGCCCAGGCCTAGGGGGCCACGAGCTTCTCAACAACCATGTTACTCCACTTC CCCACCCCCACCAGGCCTCCCTCCTCCCCTCCTACTCCCTTTTCTCACTCTCATCCCCACCACAGATCC CTGGATTGCTGGGAATGGAAGCCAGGTGGGGTCATGGCACAAGTTCTGTAATCTTCAAAATAAAACTTT TTTTTTGTACAA 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_005854.3

View online »

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, Jul 2008]
Locus ID:	10266
MW:	8.2