

Product datasheet for SC210875

RANTES (CCL5) (NM_002985) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: RANTES (CCL5) (NM_002985) Human 3' UTR Clone
Symbol: RANTES
Synonyms: D17S136E; eoCP; RANTES; SCYA5; SIS-delta; SISd; TCP228
Mammalian Cell Selection: Neomycin
Vector: pMirTarget (PS100062)
ACCN: NM_002985
Insert Size: 916 bp

Insert Sequence: >SC210875 3'UTR clone of NM_002985
 The sequence shown below is from the reference sequence of NM_002985. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CTCTTTGGAGATGAGCTAGGATGGAGAGTCCTTGAACCTGAACTTACACAAATTTGCCTGTTTCTGCTT
GCTCTTGTCTAGCTTGGGAGGCTTCCCCTCACTATCCTACCCACCCGCTCCTTGAAGGGCCAGATT
CTACCACACAGCAGCAGTTACAAAAACCTTCCCAGGCTGGACGTGGTGGCTCACGCCTGTAATCCCAG
CACTTTGGGAGGCCAAGGTGGGTGGATCACTTGAGGTCAGGAGTTCGAGACCAGCCTGGCCAACATGAT
GAAACCCCATCTCTACTAAAAATACAAAAAATTAGCCGGGCGTGGTAGCGGGCGCCTGTAGTCCCAGCT
ACTCGGGAGGCTGAGGCAGGAGAATGGCGTGAACCCGGGAGGCGGAGCTTGCAGTGAGCCGAGATCGCG
CCACTGCACTCCAGCCTGGGCGACAGAGCGAGACTCCGTCTCAAAAAAAAAAAAAAAAAAAAAAAAAATACA
AAAATTAGCCGGGCGTGGTGGCCACGCCTGTAATCCCAGCTACTCGGGAGGCTAAGGCAGGAAAATTG
TTTGAACCCAGGAGGTGGAGGCTGCAGTGAGCTGAGATTGTGCCACTTCACTCCAGCCTGGGTGACAAA
GTGAGACTCCGTCAACAACAACAACA  

AAAAAGCTTCCCAACTAAAGCCTAGAAGAGCTTCTGAGGCG
CTGCTTTGTCAAAGGAAGTCTCTAGGTTCTGAGCTCTGGCTTTGCCTTTGGCTTTGCCAGGGCTCTGTG
ACCAGGAAGGAAGTCAAGTGCCTCTAGAGGCAAGGAGGGGAGGAACACTGCACTCTTAAGCTTCCGCC
GTCTCAACCCCTCACAGGAGCTTACTGGCAAACATGAAAAATCGGC
ACGCGTAAGCGGCCGCGCATCTAGATTGAAAGAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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Restriction Sites: Sgfl-Mlul



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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:	<u>NM_002985.3</u>
Summary:	This gene is one of several chemokine genes clustered on the q-arm of chromosome 17. Chemokines form a superfamily of secreted proteins involved in immunoregulatory and inflammatory processes. The superfamily is divided into four subfamilies based on the arrangement of the N-terminal cysteine residues of the mature peptide. This chemokine, a member of the CC subfamily, functions as a chemoattractant for blood monocytes, memory T helper cells and eosinophils. It causes the release of histamine from basophils and activates eosinophils. This cytokine is one of the major HIV-suppressive factors produced by CD8+ cells. It functions as one of the natural ligands for the chemokine receptor chemokine (C-C motif) receptor 5 (CCR5), and it suppresses in vitro replication of the R5 strains of HIV-1, which use CCR5 as a coreceptor. Alternative splicing results in multiple transcript variants that encode different isoforms. [provided by RefSeq, Jul 2013]
Locus ID:	6352
MW:	33