

Product datasheet for **SC210164**

RAC2 (NM_002872) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: RAC2 (NM_002872) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: RAC2
Synonyms: EN-7; Gx; HSPC022; IMD73A; IMD73B; IMD73C; p21-Rac2
ACCN: NM_002872
Insert Size: 802 bp
Insert Sequence: >SC210164 3'UTR clone of NM_002872
The sequence shown below is from the reference sequence of NM_002872. 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
CAGCAGAAGCGCGCCTGCAGCCTCCTCTAGGGGTTGCACCCAGCGCTCCCACCTAGATGGGTCTGATC
CTCCAGGATCCCCACCCAAAGCCTGATGGCACCCCGGCTGGCCATGCTGTCCCCTCCTGTGGCGTTTC
TTAGCAGATGGCTGCAGAGCTTCGTTGATGGTCTTTTCTGTAAGGAGCCCTCCTGAGGCCAGGAACGT
GCAAATTTGCAGGTGCTGCATCCCAAGCCCTCATGCTCCTGCCTTCTGAGGGCCAGAGGGGAGCCCC
AGGACCCATTAAGCCACCCCGTGTTCCTGCCGTGAGTGCCTGAGGAGCCAGATGGTTGCTGCCACAAC
TTCCTCCAGTCCCACCCACGCCTGACTCCCCTCTGAAACTGCAGGCCAGATGGTTGCTGCCACAAC
TTGTGTACCTTCAGGGATGGGGCTTTACTCCCTCCTGAGGCCAGCTGCTCTAATATCGATGGTCTGCT
TTGCCAGAGAGTTCCTTACCCAGCAAAAATGAGTGTCTCAGAAGTGTGCTCCTCTGGCCTCAGTTCTC
CTCTTTTGAACAACATAAAAACAAATTTAATTTTCTACGCCTCTGGGGATATCTGCTCAGCCAATGGAA
AATCTGGGTTCAACCAGCCCTGCCATTTCTTAAGACTTTCTGCTGCACTCACAGGATCCTGAGCTGCA
CTTACCTGTGAGAGTCTTCAAACCTTTAAACCTTGCCAGTCAGGACTTTTCTGCTATTGCAAATAGAAAA
CCAACCTCAACCTGCTTAAGCAGAAAATAAATTTATTGATTCAA
ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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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).



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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_002872.5</u>
Summary:	This gene encodes a member of the Ras superfamily of small guanosine triphosphate (GTP)-metabolizing proteins. The encoded protein localizes to the plasma membrane, where it regulates diverse processes, such as secretion, phagocytosis, and cell polarization. Activity of this protein is also involved in the generation of reactive oxygen species. Mutations in this gene are associated with neutrophil immunodeficiency syndrome. There is a pseudogene for this gene on chromosome 6. [provided by RefSeq, Jul 2013]
Locus ID:	5880
MW:	28.6