

Product datasheet for **SC105876**

RNF187 (BC008022) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	RNF187 (BC008022) Human Untagged Clone
Tag:	Tag Free
Symbol:	RNF187
Synonyms:	RACO-1; RACO1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for BC008022, the custom clone sequence may differ by one or more nucleotides

ATCGCAACCTGGGCCTCAGCATGCTGCTGCAGTGATGGCGCCAACCCGTGGCAGTCCCAGAGCTGGAGGC
AGGAGGATGGATCCTCATCTCCATGGGAAGTGTGAGCGTGTGGCTGCCAGGGAAGCGTGGCAGGCGCCTG
GCCTTGGGTCCATCTACATAGTTGCGTGTTCACCAATGTCCATTTATCCTTCACCCCGAGGCGTGTTC
GGGGGCTGCAACACCTCCCGGTAGAGGCTGGACCTGAGGACCCTTCCACCTGTGCCGTCCCTTCCTG
AAGTCCTAGCCACAGCCCATCTCCATGAGTCCCGGCAGCTCTGGGTCATGCCCTTCCCTGGTCACCCAT
CTGCCCCACCTCGTCATCCAGGGACCCAGACCCTGCACCTTCCATGTGGGCCACAGATCCTTGGCAG
GTACCTGAGGTGCACCATTGAGTGTGCGATTTGGGGTTAGCATCCAGAAAGAAGTATGCGCATGACGCTC
TGTGAAGGCTGGAATCAGGTCTTCAGGGAGAGAAAGGAAGACTGGATTGCACCTTGATGCCTCCTGAGG
AGGCGGCCCCCTCTTGAGGTGGGCGTGGGCCCCGCGCCAGCCTTATCCAAGTCGCTCTGTCCACCTCCCC
CTTCCTGGCCCCCACCCTCTGTGCTCCAGGAGCCCTCCCTGTGCTCCACCTGCCTCCGAGAAAG
GAAGCCTCTTTCTGTGTTCCCTGGGTGAGGGGCTGGCAGGTGGCTAACCCCATTTAGCATCTCCAGGC
CCTGCCATGGTGTCTCATCTGCTGTTATCTCTAGCTCTTCCCTCCTCCATTTCTTTAGTAGTTGAA
TTTTGCAAAGCTTGTAGCAGTAGCTCAGTTGCCTGCAGCATCCTTGTGTAGATAAATTAGTCGACAGA
AACTCAGCACTGGGACAGGATTGCAAAGTCGGGACATAGATGCAGACAGTTGTTGAGATTGGGGATA
GCCGGGCTTGTGAGCGGTGCCATTTCCAGATGAAGCCTTTCAGCCCTTCTGAGTCCCCGGCCCTTGGTG
CGATGTCTGTGAGTTTACCTGCCAGCGTGTGGGCTGGCTCAATGCTGAATAAAGTGGGTTTGTGTCAA
AAAAAAAAAAAAAAAAAAAAA



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5' Read Nucleotide Sequence:

>OriGene 5' read for BC008022 unedited
TTCAGCTTTTGTAAACGACTTCACTATAGGGCGGCCGGAATTCGCACGAGGCGGTCTC
GGAGCTGGAGAAGAAGCATCGCAACCTGGGCCTCAGCATGCTGCTGCAGTGATGGCGCCA
ACCCGTGGCAGTCCCAGAGCTGGAGGCAGGAGGATGGATCCTCATCTCCATGGGAAGTGT
CAGCGTGTGGCTGCCAGGAAGCGTGGCAGGCGCTGGCCTTGGGTCCATCTACATAGTT
GCGTGTTCACCAATGTCCATTTATCCTTACCCCGAGGCGTGTTCGGGGCTGCAAAAC
ACCTCCCGGTAGAGGCTGGACCTGAGGACCTTCCCACCTGTGCCCGTCCCTTCCTGAAG
TCCTAGCCACAGCCCATCCTCCATGAGTCCCGGAGCTCTGGGTATGCCCTTCCCTGGT
CACCCATCTGCCCTCACCTCGTCATCCAGGGACCCAGACCTGCACCTTCCATGTGGGC
CCACAGATCCTTGGCAGGTACCTGAGGTGCACATTGAGTGTGGATTGGGGTTAGCAT
CCAGAAAGAAGATGCGCATGACGCTCTGTGAAGGCTGGAACCTCAGGTCTCAGGGACAG
AAAGGAAGACTGGATTGCACCTTGATGCCTCCTGGNGAGCGGCCCTTCTGAGGTGG
GCGTGGGCGCGCCAGCCTTATCCAATCGCTCTGTCCACCTNCCCTTCTGCCCCCA
CCCCACTCCTGTGCCTNCCAGGAGCCCTCCTGTGCTCCACCTGCCTCCGAGAAGGAAG
CCTCTNTCTCTGTTTCCCTGGTGAAGGGGCTGGCANGTGCTAACCCCATTTAGCATCT
CCAGGCCCTGCCATCGNGTCTCATCTTGTGGTATCTCTAGCTCCTTCCCTNCTCCCTTT
NCTTTTATAGNTGAATTTTGCAAGCCTGTAGCAGTAGCTCAGTGCCTGCAGCATCCTGTG
TGTGATAAATAAN

3' Read Nucleotide Sequence:

>OriGene 3' read for BC008022 unedited
AAATCACTGTGNACCGCGGCCGCTATCTAGNGATCGGTTTTTTTTTTTTTTTTTTTTT
TTTTTTTTTTTTTTTTTGTACACAAACCACTTTATTGAGCATTGAGCCAGCCACACGC
TGGGCAGGTCAAACCTCACAGACATCGCACCAAGGGCCGGGACTCAAAGGGCTGAAAGG
CTTCATCTGGAATGGGCACCGCTCACAAAGCCCGCTATCCCCAAATCTCAACAACTGTC
TGCATCTATGTCCCCGACTTTGCAATCCTGTCCCCAGTGCTGAGTTTCTGTGCACTAATT
TATCTACACACAAGGATGCTGCAGGCAACTGAGCTACTGCTACAAGCTTTGCAAAATTCA
ACTACTAAAGGAAATGGGAGGAGGAAAGAGCTAGAGATAACAGCCAGATGAGACACCAT
GGCAGGGCCTGGAGATGCTAAATGGGGTTAGCCACCTGCCAGCCCCCTCACCCAGGGAAA
CAGAAAAAGAGGCTTCTTCTGCGGAGGCAGGTGGAGCACAAGGAGGGCTCCTGGGAGGC
ACAAGAATGGGGTGGGGGCCAAGAAGGGGGAGGTGGACAGAGCGACTTGGATAAGGCTGG
GCCGGGCCACGCCACCTCAAGAGGGGGCGCCTCCTCAGGAGGCATCAAGGTGCAAT
CCAGTCTTCTTCTTCTCCTGAAGACCTGAGTTCCAGCCTTCACAGAGCGTCATGCGCA
TTCTTCTTCTGATGCTAACCCCAAATCCGACACTCAATGGTGACCTCAGGTACCTGC
CAGGAATCTGTGGGCCCCACATGAANGTGAAGGTCTGGNTCCCTGNATGACNAGGTGAG
GGGCANATGGNTGACCAGGGAAGGGCATGACCCANACTGCCGNACTCATGGAGGAGGNN
CTGTGGCTAGACTTCAGAAGGNACGGCACCACTGG

Restriction Sites:

NotI-NotI

ACCN:

BC008022

Insert Size:

1250 bp

OTI Disclaimer:

Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

Components:

The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

RefSeq: [BC008022.1](#)

RefSeq Size: 1144 bp

RefSeq ORF: 1144 bp

Locus ID: 149603

Cytogenetics: 1q42.13

Gene Summary: E3 ubiquitin-protein ligase that acts as a coactivator of JUN-mediated gene activation in response to growth factor signaling via the MAP3K1 pathway, independently from MAPK8. [UniProtKB/Swiss-Prot Function]