

Product datasheet for **SC101636**

RNF87 (TRIM4) (NM_033091) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	RNF87 (TRIM4) (NM_033091) Human Untagged Clone
Tag:	Tag Free
Symbol:	RNF87
Synonyms:	RNF87
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

Fully Sequenced ORF:

>OriGene sequence for NM_033091 edited
 GAATTCGGCACGAGGCGGTGACGGCGGTTTCGGAAGTCGTCTGGCCTCCCCGCGGCCGCTC
 GCAGCTTGCTGGCCTCTCCCGCGCTCACGTGGACTCCGTCTCCGCGGCAGGGAAGCAG
 CATGGAAGCTGAGGACATCCAGGAGGAGTTGACCTGCCCCATCTGCCTGGACTATTTCCA
 GGACCCGGTGTCCATCGAGTGCGGCCACAATTCTGCCGCGGCTGCCTGCACCGCAACTG
 GCGCGCGGGCGGCGGCCGTTCCCTGCCCGAATGTGCGCACCCATCGCGCGCCGCGCG
 GCTGCGACCCAACTGGGCCCTGGCCAGGCTGACTGAGAAGACGCAGCGCCGCGCGCTGGG
 CCCCGTGGCCCCGGGCGCTGTGCGCGGCCACTGGGAGCCGCTGCGGCTCTTCTGCGAGGA
 CGACCAGCGGCCAGTGTGCTGGTGTGACAGGAGTCCCAGGAGCACCAGACTCACGCCAT
 GGCACCCATCGACGAGGCCTTCGAGAGCTACCGGGAGAACTTCTTAAGTCTCAGCGTAA
 TCTCGTGGCCAAGATGAAGAAAGTCATGCATTTACAGGATGTAGAAGTAAGAACGCCAC
 ACAGTGGAAGGATAAGATAAAGAGTCAGCGAATGAGAATCAGCACGGAGTTTTCAAAGCT
 GCACAACCTTCTGGTTGAAGAAGAGGACCTGTTTCTTCAGAGATTGAACAAAGAAGAAGA
 AGAGACGAAGAAGAAGCTGAATGAGAACACGTTAAACTCAATCAAACTATCGTTTCATT
 GAAGAAGCTCATCTTAGAGGTGGGGGAGAAGAGCCAGGCTCCACCTGGAGCTGCTTCA
 GAATCCAAAAGAAGTGTTGACCAGGAGTGAGATCCAGGATGTGAACTATTCCTTGAAGC
 TGTGAAGGTGAAGACAGTGTGCCAGATACCATTGATGAAGGAAATGCTAAAGCGATTCCA
 AGTGGCTGTAAACCTAGCTGAAGACACAGCTCATCCAAACTCGTCTTCTCCAGGAAGG
 GAGATACGTGAAAAATACAGCATCAGCCAGTTCCTGGCCAGTGTCTTCTCAGCATGGAA
 CTACTTTGCTGGATGGAGGAATCCTCAGAAGACTGCTTTTGTAGAGAGATTTACAGCACTT
 ACCCTGTGTTCTGGGAAAAACGTTTTACCTCAGGGAACATTACTGGGAAGTTGAGAG
 TAGAGATAGTCTGGAGGTTGCTGTTGGGTGTGTCGGGAGGACGTCATGGGAATTACTGA
 TCGTTCAAAAATGTCCCGAGATGTGGGCATCTGGGCGATTATTGGAGTGCTGCTGGCTA
 TTGGCCCTTGATAGGCTTCCCTGGAACTCCACCCAGCAAGAGCCAGCTCTCCACCGAGT
 GGGGGTTTACCTGGATCGTGGGACTGGGAATGTCTCTTCTACAGCGCTGTGGACGGAGT
 GCACCTGCACACCTTTTCTGTTCTTCTGTCTCACGCCTCCGGCCATTTTTTGGTTGAG
 TCCATTAGCATCTTAGTCATTCCACAGTGACTGATAGGAAATGAGGCTTTTCTCCCC
 TGACCAAAACTCCTTCCCTGTAGTCCAGCTGAGGGACACACATCCCTGGGCCCTTCTG
 CCCTTCATGTCTCTATCCTGGATGGTCCATCTTCTGGGTCTCCCTAACGGTACCGTTTGG
 TATCTGCCCTTTGTGTGCTTACAAGAGGCAGTCCCATGGGAGGTGGGTCTGGCCAATGG
 AGATGGGACAGGAAATTTTCCAAGACGCTTTTGGGAAATCTTTTGTAGCTTTTAAAGAG
 ATGTGCGGGGAAGACATATGGATGTTAGCAGCCATATTGGAAGTGAAGACAGGAATGG
 TGGAAAGGTAGAAGAAACAGAGTTTTTGTGCGGTTGTGAAATTGTTGAAATTCCTTCA
 TGCCAAGCTTCTTGTATATGAGATAATTACGCCCTTATTGTATAAGACAATTTTAGTTG
 TATTTGGTTACTTGCAGCCTGAAGTACCGTAAGTCACTAAAGGGACGTAGTGTGAACAT
 CCCGCAGTATAGGCTTAAGTCACTTTTGTGAAATTTGACAAAGGCATAGAATCTTTTCT
 ATCCAGTCAGGCATTGCCTATTCTTCCAGTAAGTCACTGATTCCCCACTTTTCTGTCTT
 AGAAAAATTGTGGGAATCCCCCTCACTCTGCCTATGTTGCACTCTCTCTTCCCAACCA
 TAACCTGCCCCCAGCTATTAAGTGTGCTGTGTATTTATCAAGTTGGTATGTTGTATGTA
 CAGTGTTATTCATGTCATCATGAGAATGTTGAACGCTTGTTAAATACCTTTTGCTAGCCT
 CTTCATATGCTGTTGCATATGACTCTCATCAAACTCAGTGAGATGGAAAGACAAATCCT
 ATTTGTACAAATGAGAAAAGTGAAGTCTTTAGAGTAAGTCACTAGTATTGGCCAGCTGG
 TAAATGGCAGTGTGGGATTAAGTCCAGTTCCTATCTACTCTCCCTTTATTCAGAAGCA
 TTTATTGGATGTTGATCTTTGTTTCAGGTTTTGATTTTGTACTTTTTTACTGTGTAT
 ATTTTCTCAGTCTACCCTTCTGCTCTAGATTGTCTGGACTCAGGAGATTGTGGCAGTTA
 CTGGATAGTTATTTTAAAGATAATGATTGCTTTTCTGTTTATATAAGTCATGTGTACT
 TATTGTAGAAAGTTTGAAGATGCAAAAAGTATAAAATTAAGTTATGCACTACTAACA
 TTTCAATATATTTTCTCCAGATTTTCAATAAAGACTTTCAGGCAGTGAAAAA
 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAACTCGAC

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_033091 unedited
 NAAGGTCAATATTTGTATACGACTACTATAGGCGGCCGGAATTCGCACGAGGCGGTGA
 CGGCGGTTTCGGAAGTCGTCTGGCCTCCCCGCGGCCGCTCGCAGCTTGCTGGCCTCTCCG
 CGCCTCACGTGGGACTCCGTCTCCGCGGCAGGGAAGCAGCATGGAAGCTGAGGACATCCA
 GGAGGAGTTGACCTGCCCATCTGCCTGGACTATTTCCAGGACCCGGTGTCCATCGAGTG
 CGGCCACAACCTTCTGCCGCGCTGCCTGCACCGCAACTGGGCGCCGGCGGGCGGCCGCTT
 CCCCTGCCCGGAATGTCGGCACCATCGCGCGCCGCGCGCTGCGACCCAACTGGGCCCT
 GGCCAGGCTGACTGAGAAGACGACGCGCGCGCCTGGGCCCCGTGCCCGGGCCTGTG
 CGGCCGCCACTGGGAGCGCTGCGGCTCTTCTGCGAGGACGACCAGCGGCCAGTGTGCCT
 GGTGTGCAGGGAGTCCCAGGAGCACCAGACTCACGCCATGGCACCATCGACGAGGCCTT
 CGAGAGCTACCGGGAGAACTTCTTAAGTCTCAGCGTAATCTCGTGGCCAAGATGAAGAA
 AGTCATGCATTTACAGGATGTAGAAGTGAAGAACGCCACACAGTGAAGGATAAGATAAA
 GAGTCAGCGAATGAGAATCAGCACGGAGTTTTCAAAGCTGCACAACCTCTGGTTGAAGA
 AGAAGACCTGTTTCTTCAAGATTGAACANNNGAAGAAGAGACGAAGAAGAAGCTGAA
 TGAGAACACGTTAACTCAAATCAACTATCGCTTCATTGAAGAAGCTCATCTTANNAGG
 TGGGGNAGAAGAAGCCAGGCTCCACCTGGAGCTGCTTCAGAATCCAACAGAAGTGTT
 GACCCGNNAGTGAGATCCAGC

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_033091 unedited
 NTTTTAGCTCTGGACCCGCGCCGCATNCTAGGATCGAGTTTTTTTTTTTTTTTTTTTTT
 TTTTTTTTTTTTTTTTTTTTTTTTTTTTCCCGGCCGAAAGTCTTTATGGAATCGGGG
 AAAAAATATGGAAGGTTAGAAGGGCAAACTTAAATTTTAATACTTTTGGCATTAAAC
 AAATTTTTTACAATAAGTCCCTGGACTTATTTAACCAGAAAAAGCATTCTTTTTTTTA
 AAAAAATATCCAGAACCGGCCACAATTTCTGAGTCCAACAATTTAAAGCAAAGGGG
 TAAACGGGGGAAATATCCCCGGTTTAAAAAGTACCAATTTCAAACCTGAAACAAAAA
 TCAACATCCAAAAAGGCTTCTGAATAAGGGGAAAGTAAATAAAACGGGTTTTTAATCC
 CAACATTGCCTTTAAACAGTGGGCCAATACTGAGCTAGTTACTCTAAAAAGTTAGTTTT
 CTAATTGGAACAAAAAGGATTGGTCTTTCCATCTAACTGAGTGGGAGGAAAGTCATATG
 CACCAGCTTATGAAAAGGCTAGCAAAGGTTTTAAACAGGCGTTCAACATTCTAATGAGG
 ACATGAAAAACACTGTACATACAAAATACCAACTTGATAAATACACAGCACAGTTAATAC
 CTGAGGGCAAAATTTATGGTTGGAAAAAAGAGAGTGCAACATAGGCAGAGGGAGGGGGA
 TCCCCACAATTTCTAACACAGAAAGGGGGGAATCAGTATTTCTGGAAAAATAGGCA
 ATGCCTGACTGGAATAAAAAAATTCTATGCCTTTGCCAATTTTCACAAAAGGACTTAA
 GCCTATTCTGGCGGAAGGTAACCCTACGGCCCTTAGGGAATTACGGGACTTTAGGTGCA
 AGTAACAN

Restriction Sites:

NotI-NotI

ACCN:

NM_033091

Insert Size:

2830 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:	<u>NM_033091.1, NP_149082.1</u>
RefSeq Size:	3323 bp
RefSeq ORF:	1425 bp
Locus ID:	89122
UniProt ID:	<u>Q9C037</u>
Cytogenetics:	7q22.1
Domains:	zf-B_box, RING, SPRY
Protein Families:	Druggable Genome
Gene Summary:	The protein encoded by this gene is a member of the tripartite motif (TRIM) family. The TRIM motif includes three zinc-binding domains, a RING, a B-box type 1 and a B-box type 2, and a coiled-coil region. The protein localizes to cytoplasmic bodies. Its function has not been identified. Alternatively spliced transcript variants that encode different isoforms have been described.[provided by RefSeq, Jul 2010] Transcript Variant: This variant (beta) lacks an in-frame exon in the 5' coding region compared to variant alpha. The resulting protein (isoform beta) is shorter but has the same N- and C-termini compared to isoform alpha. Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.