

Product datasheet for **SC328003**

RNF86 (TRIM2) (NM_015271) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	RNF86 (TRIM2) (NM_015271) Human Untagged Clone
Tag:	Tag Free
Symbol:	RNF86
Synonyms:	CMT2R; RNF86
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >NCBI ORF sequence for NM_015271, the custom clone sequence may differ by one or more nucleotides

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ATGCACAGGAGTGGCCGTTATGGAACGCAGCAGCAGCGTGCAGGGTCAAAGACAGCCGGC
CCCCATGTCAAGTGGCTAGGATGGCCAGTGAAGGCACCAACATCCCAAGTCCTGTGGTG
CGCCAGATTGACAAGCAGTTTCTGATTTGCAGTATATGCCTGGAACGGTACAAGAATCCC
AAGGTTCTCCCCTGTCTGCACACTTTCTGCGAGAGGTGCCTGCAGAACTACATTCCTGCC
CACAGTTTAAACCCTCTCCTGCCAGTGTGCCGCCAGACCTCCATCCTGCCGAGAAGGG
GTGGCCGCGCTCCAGAACAATTTCTTCATCACAACCTGATGGACGTGCTGCAGCGAACT
CCAGGCAGCAACGCTGAGGAGTCTTCCATCCTGGAGACAGTCACTGCTGTGGCTGCGGGA
AAGCCTCTCTTGGCCAAACCAGATGGGAATGTGATGGAATTTACTGCCAGTCTGT
GAGACTGCCATGTGTCGGGAGTGCACGGAGGGGAGCACGCAGAGCACCCACAGTTCCA
CTCAAGGATGTGGTGAACAGCACAAGGCCCTCGCTCCAGGTCCAGCTGGATGCTGTCAAC
AAAAGGCTCCCAGAAATAGATTCTGCTCTTCAGTTCATCTCTGAAATCATTATCAGTTA
ACCAACCAAAAAGGCCAGCATCGTGGATGACATTCATTCCACCTTTGATGAGCTCCAGAAG
ACTTTAAATGTGCGCAAGAGTGTGCTGCTTATGGAATTGGAGTCAACTATGGCCTCAA
CACAAAGTCTCCAGTCGCAGCTGGATACTCTGCTCCAGGGGCAGGAGAGCATTAAAGAGC
TGACGCAACTTCACAGCCAGGCCCTCAACCATGGCACGGAGACCGAGGTCTACTGGTG
AAGAAGCAGATGAGCGAGAAGCTGAACGAGCTGGCCGACCCAGGACTTCCCCTTGACCCG
CGGGAGAACGACCAGCTGGATTTTCATCGTGAAACCGAGGGGCTGAAGAAGTCCATCCAC
AACCTCGGGACGATCTTAACCACCAACGCCGTTGCCTCAGAGACAGTGGCCACGGGCGAG
GGGCTGCGGCAGACCATCATCGGCAGCCCATGTCCGTCAACATCACCACCAAGGACAAA
GACGGTGAAGTGTGCAAAAACGGCAACGCCCTACCTCACCGCCAACTGAGCACCCCGAC
GGGAGCGTGGCAGACGGGAGATCCTGGACAACAAGAACGGCACCTATGAGTTTTGTATC
ACTGTCCAGAAGGAAGGGGACTTTACCCTGTCTCTGAGACTCTATGACCAGCACATCCGA
GGCAGCCCGTTTAAAGCTGAAAGTATCCGATCCGCTGATGTGCTCCACCACAGAAGGC
GTGAAGAGGCGCTTAAAGTCCCCGGGAGCGGCCACGTCGAAGCAGAAAGCTGTGAAAAGA
CCCGAAGCATGTACAGCACTGGAAAACGAAAAGAGAATCCCATCGAAGACGATTTGATC
TTTCGAGTGGGTACCAAAGGAAGAAATAAAGGAGAGTTTACAAATCTTCAGGGGTAGCT
GCATCTACAAATGGAAGATATTAATTGCAGACAGTAACAACCAATGTGTGCAGATTTT
TCCAATGATGGCCAGTTCAAAGTCTTTTGGCATAACGGGACGCTCTCCGGGCGAGCTG
CAGCGGCCACAGGAGTGGCTGTACATCCAGTGGGACATAATCATTGCCGATTATGAT
AATAAATGGGTACGATTTTCTCCTCCGATGGGAAATTTAAGACAAAAATTTGGATCAGGA
AAGCTGATGGGACCCAAAGGAGTTTCTGTGGACCGCAATGGGCACATTATTGTTGTGGAC
AACAAAGGCGTGTGCGTGTATCTTCCAGCCAAACGGGAAAAATAGTCACCAGGTTTGGT
AGCCGAGGAAATGGGGACAGGAGTTTGCAGGTCCCCATTTTGCAGCTGTAATAGCAAT
AATGAGATTATTACAGATTTCCATAATCATTCTGTCAAGGTGTTAATCAGGAAGGA
GAATTCATGTTGAAGTTTGGCTCAAATGGAGAAGGAAATGGGCAGTTTAAATGCTCCAACA
GGTGTAGCAGTGGATTCAAATGGAAACATCATTGTGGCCGACTGGGAAACAGCAGGATC
CAGGTTTTTGTGGAGTGGATCATTTTTGTCTACATTAACACATCTGCTGACCCACTC
TATGGCCCCCAAGGCCTGGCCCTAACTTCAGATGGTCATGTTGTGGTTGCAGACTCTGGA
AATCACTGTTTCAAAGTCTATCGATACTTACAG

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Restriction Sites: Please inquire

ACCN: NM_015271

Insert Size: 6789 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).

OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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:	<ol style="list-style-type: none"> 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:	NM_015271.3 , NP_056086.2
RefSeq Size:	6789 bp
RefSeq ORF:	2316 bp
Locus ID:	23321
UniProt ID:	Q9C040
Cytogenetics:	4q31.3
Domains:	zf-B_box, NHL, Filamin, RING, BBC
Gene Summary:	<p>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 filaments. It plays a neuroprotective role and functions as an E3-ubiquitin ligase in proteasome-mediated degradation of target proteins. Mutations in this gene can cause early-onset axonal neuropathy. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Nov 2014]</p> <p>Transcript Variant: This variant (1) encodes the longest isoform (1).</p>