

Product datasheet for **SC127029**

RNF23 (TRIM39) (NM_021253) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	RNF23 (TRIM39) (NM_021253) Human Untagged Clone
Tag:	Tag Free
Symbol:	RNF23
Synonyms:	RNF23; TFP; TRIM39B
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_021253, the custom clone sequence may differ by one or more nucleotides

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ATGGCAGAGACAAGTCTGTTAGAGGCTGGGGCCTCTGCAGCCTCTACAGCTGCGGCTTTGGAGAACTTAC
AGGTGGAGGCGAGCTGCTCTGTGTGCCTGGAGTATCTGAAGGAACCTGTCATCATTGAGTGTGGGCACAA
CTTCTGCAAAGCTTGCATCACCCGCTGGTGGGAGGACCTAGAGAGGGACTTCCCTGTCTGTCTGTCGA
AAGACATCCCGCTACCGCAGTCTCCGACCTAATCGGCAACTAGGCAAGTATGGTGGAAATTGCCAAGCAGC
TCCAGGCCGTC AAGCGGAAGATCCGGGATGAGAGCCTCTGCCCAACACCATGAGGCCCTCAGCCTTTT
CTGTTATGAGGACCAGGAGGCTGTATGCTTGATATGTGCAATTTCCACACCCACCGGGCCACACCGTT
GTGCCACTGGACGATGCTACACAGGAGTACAAGGAAAACTGCAGAAGTGTCTGGAGCCCCTGGAACAGA
AGCTGCAGGAGATCACTCGCTGCAAGTCTCTGAGGAGAAGAAGCCTGGTGAAGTCAAGAGACTAGTGA
AAGTCGCCGACAGCAGATCTTGAGGGAGTTGAGAGCTTCATAGGCGGCTGGATGAAGAGCAGCAGGTG
TTGCTTTACGACTGGAAGAAGAGGAACAGGACATTCTGCAGCGACTCCGAGAAAATGCTGCTCACCTTG
GGGACAAGCGCCGGGACCTGGCCCACTTGCTGCCGAGGTGGAGGGCAAGTGCTTACAGTCAGGCTTCGA
GATGCTTAAGGATGTCAAAGTACCCTGGAAAAGAATATTCCTAGAAAAGTTCGGAGGCTCACTCTCAACG
ATCTGTCCACGGGATCATAAGGCTCCTTGATTAGTAAAAGAAATCAACAGATGTGAAAAGGTGAAGA
CCATGGAGGTGACTTCAGTATCCATAGAGCTGGAAAAGAACTTCAGCAATTTTCCCGCAGTACTTTGC
CCTAAGGAAAAATCCTTAAACAGCTAATTGCGGATGTGACCCTGGACCCTGAGACAGCTCATCCTAACCTA
GTCCTGTGAGAGGATCGTAAGAGCGTCAAGTTCGTGGAGACAAGACTCCGGGATCTCCCTGACACACCAA
GGCGTTTACCTTCTACCTTGCCTGGCTACTGAGGGTTTCACTCAGGTCGACACTACTGGGAGGT
GGAGGTGGGCGACAAGACCCACTGGGCAGTGGGTGTATGCCGGACTCCGTGAGCCGAAAGGGCGAGTTG
ACTCCACTCCCTGAGACTGGCTACTGGCGGTGCGGCTATGGAATGGGGACAAAATGTCAGCCACCACCA
CACCTTTTACCCCTTTCACATCAAGGTGAAACCAAGCGGGTAGGCATATTCCTAGACTATGAGGCCGG
CACACTGTCTTTTACAATGTCACAGACGCTCTCATATCTACACCTTCACTGATACTTTTACTGAGAAA
CTTTGGCCCTCTTCTACCCAGGCATCCGGGCTGGACGGAAGAATGCTGCACCCTTACCATCAGGCCCC
CAACAGATTGGGAGTGA
    
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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_021253 unedited

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TGTATACGACTCCTATAGGCGGCCGCAATTCGGCACGAGGGCGGGGCGGGGCGAGGGG
AGGAGGAAGGAGGGAGGCAGCGCTCCGGCGGCTCCGCGCCCCGCACTCCCGGACCCGAAG
CCGGGAAGAAACGTATGTCAAACGAGGATACAGTGTCTGGAACCTATTGGTTCTAAGATA
TAAGTGAATGAGCCTGGATCAGGAGAAGTATGCTGAGCTACAGTTGAAGGAAGCTTCTC
TTTCTAACAAGAGAAAGCAGAGTTAAATATGGCAGAGACAAGTCTGTTAGAGGCTGGGG
CCTCTGCAGCCTCTACAGCTGCGGCTTTGGAGAACTTACAGGTGGAGGCGAGCTGCTCTG
TGTGCTGGAGTATCTGAAGGAACCTGTCATCATTGAGTGTGGGCACAACCTTCTGCAAAG
CTTGCAATCACCCGCTGGTGGGAGGACCTAGAGAGGGACTTCCCTTGTCTGTCTGCGAA
AGACATCCCGCTACCGCAGTCTCCGACCTAATCGGCAACTAAGCAGTATGGTGGAAATTG
CCAAGCAGCTCCAGGCCGTTAAGCGGAAGATCCCGGATGAGAGCCTCTGCCCAACACC
ATGAGGCCCTCACCTTTTCTGTTATGAGGACCAAGAAGGCTGTATGCTTGATATGTGCA
ATTTTCCACACCCCGGGCCACACCGTTGCGCCCTGGACGATGCTACACAGGCGTAC
CAGGGAAAAGTGCCTAACCTCCGGAAGCCCTGGAACCAAGTGCAGGCAGACACTCC
CTGCAAGTCTCTGAGGAAAGAAAACCCGGTGAAGTCAAGAGACAATTGGAAGACTCCCC
CCGCACAATCCTGAGGGGAGTTTAAAACCTTCTAGGCCGCTGGGTTAAGAAACCAAGG
TTGCTTCTCCAAGTGAAGAAACAG
    
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3' Read Nucleotide Sequence:	>OriGene 3' read for NM_021253 unedited GCGGCCCGCAATCTAGAATCGAGTTTTTTTTTTTTTTTTTTAACTTCAGGGGATCCTTTTG TTCCATATTATTTTAACCAACCAAAGTATCTTGCCACAAAGAACCACAGTCAAGGCACAA AGGTAAGAGGAGGAGAGTCTGGACAAAGTCCTGTTGAGGTGGTAGGAGGAACTGAAATGC CCTCAGTAAACTGCAGATTCTTCTCTCAGTCATTCTGTGAAGATTACCCGAATAGCAGA TAATCCAAATTGGTTTAGTTTGGTTTGGCATGCATCACTTTTACCTTTTATGACAACATA TGTACCCTATAAGTTGTTTATTTTGGCCTAACATGAAAATCATTACATTCTCTGAAAAG GGAAATGGCAAAGGGTGAGGGATGGCAACAAACAAGCAAAGCCTGGCTTAAACACAGTT CCAGGCCAGATGCACACAAGCCAATGAAGTTGCCTATCTGGCCCTTCCCTATATACAC CCTCTTCCACCCTGTCCTTAGGGTGAGAAAAGACTCCATAACCTTTTTTCTTTCTGGCTT GGACACCTTGGCCAGGTAAGAAGGCTGACAATTTGGGAGTAGCTACTAAGTAACATTCTT TAAGGCCAGGGCTTGTATACAAATACCCTTCTTTCTCTAATACCTGACTCTCCTTT CCAAGTCCCTTGGGAACACTGTGAAAGGATAGATGTGTCTTGCAGGATCTTCCACTT TGCTCTGGAGAGGAGNCAGGTGACTGACTTATCGTATAGAGGCAGGCATAAGCCACTCT GCTGAAGCTGAGCAGGACCTGGTTCCTCCTGTTTCTTTAACCTCTCTCTCCAATTCTAC TCTGCCATCTACCATATGCACTTACCTGAAATGAGACAAAAAATCCTCCCTTATTACC TAGAACGTCCTTACCCTCCTGACCTTAGCTGTGAGCCATCCT
Restriction Sites:	NotI-NotI
ACCN:	NM_021253
Insert Size:	2710 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:	<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_021253.2 , NP_067076.2
RefSeq Size:	3635 bp
RefSeq ORF:	1557 bp
Locus ID:	56658
UniProt ID:	Q9HCM9
Cytogenetics:	6p22.1
Domains:	zf-B_box, RING, SPRY, PRY
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 function of this protein has not been identified. This gene lies within the major histocompatibility complex class I region on chromosome 6. Alternate splicing results in two transcript variants encoding different isoforms. [provided by RefSeq, Jul 2008]
Transcript Variant: This variant (1) encodes the longer isoform (1) of this protein.