

Product datasheet for **MC202276**

Rnf14 (NM_020012) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rnf14 (NM_020012) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Rnf14
Synonyms:	2310075C09Rik; 2610005D23Rik; AA986456; AU041447; D7Bwg0165e; D18Ertd188e; Triad2
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC054841 sequence for NM_020012
 CTGGTCTGCAGGCCTGGCCGGCAAGCGTCTGCCGAGGCCAGTCAAGGGCATCCTGCGGAACTTTAGGGC
 CCGGCTCGGCTGAGCGGCCGGAAGATGGCAGACTTTCTGTAGTATATCGGACGCAAATCTCACATCTTGG
 TTTCTTATCCAACCTCAGTCTAAGTCTACTGGCTAGAAAAATAATGGGATTTGCACAAATCCAAGCCAA
 AGTGAAATACAGATTGCAGCAGCATTAAATACCTTTTCTCCTGGTTGTTACTAACAGCAAGTTCATGTC
 GGCAGAAGACCTGGAAGCCAGGAGGATGAAGTACTGGCCCTGGCGAGTATTTATGATGCGGATGAATTT
 AGAAAAGCTGAGTCTGTCCAAGGAGGAGAAACCAGGATCTATTTGGATCTGCCACAGAATTTTAAGATAT
 TCGTGAGCGGCAATTCAAATGAGTCTCTCCAGAATAGTGGCTTTGAATACACCATTGCTTTCTGCCACC
 ACTTGTGCTGAACTTTGAACTGCCACCAGATTATCCATCCTCCTCCACCTTCATTACACTTAGTGGC
 AAATGGCTGTACCAACTCAGCTCTCTGCTCTCTGCAAGCACCTAGACAACCTGTGGGAAGAACCAGGAG
 GCAGAGTGGTGTGTTTGCCTGGATGCAGTTTCTTAAGGAGGAGACCCTCACCTACCTGAATATTGTCTC
 TCCTTTTGTAGCTCAAGATGGGTCTCAGAAAAAGTTCAGAGAAGGGCAACAGCCAGGCCCTTTCCAGC
 ACAGAGCTTGGTGTGGGAGGAGCTGCTGCGGCGGATGTAGACCAAGAAGAACTGTGGATGAGAGAGCTG
 TACAGGATGTAGAGTCATTGTCAAGTCTGATCCAGGAGATCTTGGACTTCAATCAAGCTCGGCAGACGAA
 GTGCTTCAATAGTAACTGTTCTTGTGCAGCATCTGTTTCTGTGAGAAGCTGGGTAGTGATTGCATGTAC
 TTCTTGGAGTGCAAGCATGTATACTGCAAAGCCTGTCTGAAGGATTACTTTGAAATCCAGATCAAAGATG
 GTCAAGTTAAATGCCTCAACTGTCCAGAGCCACAGTGCCTTTCAGTGGCGACTCCTGGTCAAGTCAAAGA
 GCTGGTAGAAGCAGACTTGTTCGCTCGCTATGACCGTCTCCTCCTGCAGTCTACCTTGGATCTAATGGCA
 GATGTGGTGTATTGTCCCGTCCATGCTGCCAGCTCCCTGTGATGCAAGAGCCTGGTGGTACCATGGCTA
 TCTGCTCCAGCTGCAATTTTGCCTTCTGTACCTTATGCAGACTGACCTATCACGGGCTTTCTCCATGTAA
 GGTAAGTGCAGAGAAATTAAGACTTACGAAATGAATACCTACAAGCAGATGAAGCTACTAAGAGGTTC
 TTGGAACAGAGGTATGGCAAGAGGGTGATTGAGAAGCCCTGGAGGAGATGGAAAGTAAAGACTGGCTGG
 AGAAGAACTCCAAGAGCTGCCCCGTGCTGTGGCACACCCATACAGAAATAGACGGCTGCAACAAGATGAC
 TTGCACTGGCTGTATGCAGTATTTCTGCTGGATTTGCATGGGTTCTCTCTCGAGCAAATCCTTACAGA
 CATTCTACTGATTCTGAGTCTCCATGCTTAAACAGGTTGTTCCATGCCGTGGATTAATGGTGATATGT
 GGGAAAGATGAAATTGAGGAGGACGACGATGATGAAGACGACGACGACTAGTTCATTCTCTGCTCA
 CAATATAGAAGTGAATGGTTTGCCTGATCTTCTGTCAAGTACACAAAGAGATCTTGCAGGATATTTAG
 GGGCCGTCTATTCCTCTCCAGTGTAGAAGGAAGAACAGGGTTATATTTTCTTTGGTTCTACTGATTA
 AGGCACATACATTTTCCATGTAACATACTGATAAAAATATATGCCAAAGGATCAGAAATGAAACTAT
 AGGAGATTAATATTATAATATGCCAAACTGTGAATAGTAAAAAGTAAATATTTATTTTCTCCCCAA
 GCTTTAGGTTAGGAGAGGGTCAAGAGTTTAGCTTTTAGACCATGTCCAAGCAGCCTCACGTTGTTGGAG
 CACTCTCAGTTCCATCCCTCAGCTGGGGACAGTACAGCCCCAGCCACACTGTCTGGGAGCCTGATCCA
 TTCTCTGTACACTGCTCACTCCCATCCGTGCTGTGGAGGAGCCTGTGCTCTGTAAGTACAGGATGTCCC
 AGTGTCTGTTCTGTCTAGTGTGCCAGAATAGAAGTCTATAGTACATTAAGTATTTTATAGTGCCACA
 ATCCTTGTGGGTCACCTGATATTTATGAATAGTGTATTGAATCCACTGTTTTAGAGCCAAATGTAGAATT
 TAGGATTTCTGGCTCAGAAATCCTCCAGATACAGAGTACAGAGTGTGTCTGCCCCATTGTGTTCTCAACT
 TCTCCCTTTGCCTCCCACCTCTGTGGGCAAGGACAGTTTTAATGTTGATCCCAGCAGTGTGTGCTTTA
 ATGGCTTACCCTGACCTTCCGAACCTCGGGTCTCTAGTCACCTACAGCAACTGGGCTTCCCTCCC
 TCCTTCCCCTCCCCTCGTAAACAGCAGTGTCTCGAGTGATAATAGTAGCTTGATAGCTGGATTCTTAAT
 TCTGAGTTTTATTGGCTTTTTGAAAACTGCTTCTTCTCATGATTGCGTAAGTGGCTTGGTACTTGG
 TGGATGTTTTGAAGGGACAGTAATTCACCTGTAGCTTGTGAACATGTGTTTTCTACTTTGACACTGAAAA
 TTAAGGAATTGCTTAACTGTCAGCTCAGACTGCTTCTGGATTGTCAATGAGGATGCTTAATCTGAACAA
 AAAGTAATTTAAGATCATCCTGTAA

Restriction Sites: RsrII-NotI
ACCN: NM_020012
Insert Size: 1458 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:	BC054841 , AAH54841
RefSeq Size:	3012 bp
RefSeq ORF:	1458 bp
Locus ID:	56736
UniProt ID:	Q9JI90
Cytogenetics:	18 20.2 cM
Gene Summary:	<p>Might act as an E3 ubiquitin-protein ligase which accepts ubiquitin from specific E2 ubiquitin-conjugating enzymes and then transfers it to substrates, which could be nuclear proteins. Could play a role as a coactivator for androgen- and, to a lesser extent, progesterone-dependent transcription (By similarity).[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) differs in the 5' UTR compared to variant 1. Variants 1, 2, and 4 through 9 encode the same isoform.</p>