

Product datasheet for **MC218752**

Rnf14 (NM_001164621) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rnf14 (NM_001164621) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Rnf14
Synonyms:	2310075C09Rik; 2610005D23Rik; AA986456; AU041447; D7Bwg0165e; D18Ertd188e; Triad2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC218752 representing NM_001164621
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGTCGGCAGAAGACCTGGAAGCCAGGAGGATGAACTACTGGCCCTGGCGAGTATTTATGATGCGGATG
 AATTTAGAAAAGCTGAGTCTGTCCAAGGAGGAGAAACCAGGATCTATTTGGATCTGCCACAGAATTTTAA
 GATATTCGTGAGCGCAATTCAAATGAGTCTCTCCAGAATAGTGGCTTTGAATACACCATTTGCTTTCTG
 CCACCACTTGTGCTGAACTTTGAACTGCCACCAGATTATCCATCCTCCTCCACCTTCATTACACTTA
 GTGGCAAATGGTGTACCAACTCAGCTCTCTGCTCTCTGCAAGCACCTAGACAACCTGTGGGAAGAACA
 CCGAGGCAGAGTGGTGTGTTTGCCTGGATGCAGTTTCTTAAGGAGGAGACCCCTCACCTACCTGAATATT
 GTCTCTCCTTTTGTAGCTCAAGATGGGGTCTCAGAAAAAGTTAGAGAAGGGCAACGCCAGGCCCTCTT
 CCAGCACAGAGCTTGGTGTGGGAGGAGCTGCTGCGCGGATGTAGACCAAGAAGAACTGTGGATGAGAG
 AGCTGTACAGGATGTAGAGTCAATTGTCAAGTCTGATCCAGGAGATCTTGGACTTCAATCAAGCTCGGCAG
 ACGAAGTGCTTCAATAGTAACTGTTCTTGTGCAGCATCTGTTTCTGTGAGAAGCTGGGTAGTGATTGCA
 TGTACTTCTTGGAGTGAAGCATGTATACTGCAAAGCCTGTCTGAAGGATTACTTTGAAATCCAGATCAA
 AGATGGTCAAGTTAAATGCCTCAACTGTCCAGAGCCACAGTGCCTTTCAGTGGCGACTCCTGGTCAGGTC
 AAAGAGCTGGTAGAAGCAGACTTGTTCGCTATGACCGTCTCCTCCTGCAGTCTACCTGGATCTAA
 TGGCAGATGTGGTGTATTGTCCCGTCCATGCTGCCAGCTCCCTGTGATGCAAGAGCCTGGTGGTACCAT
 GGCTATCTGCTCCAGTGAATTTGCCTTCTGTACCTTATGCAGACTGACCTATCACGGCTTTCTCCA
 TGTAAGGTAAGTGCAGAGAAATTAATAGACTTACGAAATGAATACCTACAAGCAGATGAAGCTACTAAGA
 GGTTCTTGGAACAGAGGTATGGCAAGAGGGTATTGAGAAGGCCCTGGAGGAGATGGAAAGTAAAGACTG
 GCTGGAGAAGAAGTCCAAGAGCTGCCCTGCTGTGGCACACCCATACAGAAATTAGACGGCTGCAACAAG
 ATGACTTGCAGTGGTGTATGCAGTATTTCTGCTGGATTTGCATGGGTTCTCTCTCGAGCAAATCCTT
 ACAGACATTTCACTGATTCTGAGTCTCCATGCTTAAACAGGTTGTCCATGCCGTGGATATAATGGTGA
 TATGTGGGAAGATGAAATTGAGGAGGACGACGATGATGAAGACGACGACGAC**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI

ACCN: NM_001164621

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:

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_001164621.1](#), [NP_001158093.1](#)

RefSeq Size: 3369 bp

RefSeq ORF: 1458 bp

Locus ID: 56736

UniProt ID: [Q9JI90](#)

Cytogenetics: 18 20.2 cM

Gene Summary: 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]
Transcript Variant: This variant (1) encodes the longer isoform (a). Variants 1, 2, and 4 through 9 encode the same isoform.