

Product datasheet for **RN205852**

Rnf14 (NM_001034995) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rnf14 (NM_001034995) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Rnf14
Synonyms:	ARA54
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN205852 representing NM_001034995
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTCGGCAGAAGACCTGGAAGCCAGGAGGATGAACTACTGGCCCTGGCAAGTATTTATGATGGAGATG
 AGTTTAGAAAAGCAGAGTCTGTCCAAGGAGGGAAACCAGGATCTATTTGGATCTGCCACAGAATTTCAA
 GATATTCGTGAGCGCAATTCAAATGAGTGTCTCCAGAATAGTGGCTTTGAATACACCATTTGCTTTCTG
 CCACCCTTGTGCTGAACTTTGAACTGCCACCAGATTATCCATCCTCCTCCACCTTCATTCACTTA
 GTGGCAAATGGTGTACCAACTCAGCTCTCTGCTCTGCAAGCACCTGGACAACCTGTGGGAAGAACA
 CCGAGGCCGTGTGGTGTGTTGCCTGGATGCAGTTTCTTAAGGAGGAGACCTTACCTACCTGAATATT
 GTCTCTCCTTTGAGCTCAAGATGGGTCTCAGAAAAGGTTAGAGAAGGACAACAGCTCAGGCCTCTT
 CCAACACAGAGCTTGCTTTGGGAGGAGCTGCTGCTGCTGCTGCTGCGTCAGATGTAGACCAAGAAGACAG
 TGTGGATGAGAGAGCTGTACAGGATGTAGAATCATTGTCAAGTCTGATCCAGGAAATCTTGGACTTCAAT
 CAAGATCGACAGATGAAGTGCTTCAATAGTAAACTGTTCTTGTGCAAGTATCTGTTTCTGTGAGAAGCTGG
 GGAGTGATTGTATGTAATCTTGGAGTGACAGATGTATATTGCAAAGCCTGTCTGAAGGATTACTTTGA
 AATCCAGATCAAAGATGGTCAAGTTAAATGCCTCAACTGTCCAGAACCACAGTGTCTTCGGTGGCTACT
 CCTGGTCAAGTCAAAGAGCTGGTAGAAGCAGACTTATTTGCTCGCTATGACCGCCTCCTCCTCCAGTCTA
 CTTTGGATCTAATGGCAGATGTGGTGTATTGTCCCGTCCATGCTGCCAGCTCCCTGTGATGCAAGAGCC
 TGGTGGCACCATGGCTATCTGCTCCAGCTGCAATTTTGCCTTCTGCACCTTATGCAGACTGACCTATCAC
 GGGTTTTCTCCATGTAAGGTAACGGCAGAGAAATTAATAGACTTACGGAATGAATACCTACAAGCAGATG
 AAGCTACTAAAAGTTCTTGGAACAGAGGTATGGCAAGAGGGTGATTGAGAAGGCCCTGGAGGAGATGGA
 GAGTAAAGACTGGCTGGAGAAGAACTCCAAGAGCTGCCCTGCTGTGGAACGCCATACAGAAATTAGAC
 GGCTGCAACAAGATGACCTGTAAGTGTATGCAAGTATTTCTGCTGGGTTTGCATGGGCTCTCTCAA
 GAGCAAACCTTACAACATTTCACTGATCCTGATTCTCCATGCTTAAACAGGTTTCCATGCCGTGGA
 TGTCATGGAGACATTTGGGAAGATGAGATTGAGGACTAG

ACGGTACGGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001034995

Insert Size: 1440 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_001034995.1, NP_001030167.1
RefSeq Size: 2965 bp
RefSeq ORF: 1440 bp
Locus ID: 619577
Cytogenetics: 18p11