

Product datasheet for **RN208778**

Rnf43 (NM_001135921) Rat Untagged Clone

Product data:

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|--------------------|-----------------------------------------|
| Product Type: | Expression Plasmids |
| Product Name: | Rnf43 (NM_001135921) Rat Untagged Clone |
| Tag: | Tag Free |
| Symbol: | Rnf43 |
| Synonyms: | RGD1305204 |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |
| Cell Selection: | Neomycin |



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Fully Sequenced ORF: >RN208778 representing NM_001135921
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGAGTGGTGGCCACCAGCTGCAGCTGGCTGTCTCTGGCCCTGGCTGCTGATGGCGACGCTGCATGCAG
 GCTTTGGACACACAGGACTGGTGTGGCAGCAGCGGTGGAGTCGAAAGATCAGCAGAACAGAAAGCTAT
 CATCAGAGTGATCCCCCTGAAAATGGACCCACAGGAAAAGTGAACCTCACCTTGGAAAGGTGTGTTTGT
 GGTGTTGCAGAAGTGAGTCCAGCAGAAGGGAAGCTAATGCAGTCCCACCCCTGTACCTGTGCAACGCCA
 GTGATGACGACAACCTAGAGCCTGGCTTATCAGCATCGTCAAGCTGGAGAGTCTCGGGCGGCTCCTCG
 CCCCTGCCTGTCACTGGCCAGTAAGGCGCGAATGGCTGGCAGCGAGGAGCCAGCGCTGTGCTCTTTGAC
 ATCACAGAAGACCGATCAGCTGTGAGCAGCTGCAGCAGCCCTGGGGCTGACTAAGCCGGTGGTGTGA
 TCTGGGTAGTGATGCGGAGAAGCTGATGGAGTTTGTGTACAAGAATCGGAAGGCCTATGTGTGGATTGA
 GCTGAAGGAGCCCCGGCTTGGGCAAATACGATGTGTGGATCCTCTGACTGTGGTGGGCACGGCTTTT
 GTGATCATCCTGGCTTCGGTGTACGCATCAGGTGTGCCCCACCCCTAGCAGACCGGACCCCTTTCAGC
 AGCGGACAGCCCGGCCATCAGCCAGCTGGCCACCAGGAGGTACCAAGCCAGCTGTAGACGGGCTCGAGC
 TGAGTGGCCAGACTCAGGGAGCAGCAGCAGCTCGGCCCTGTGTGTGCTATCTGTCTGGAAGAGTTCACA
 GAGGGGACAGGAGCTCCGGTCAATTCCTGCCTCCACGAGTTTCATCGAACCTGTGTGGACCCCTGGCTAC
 ACCAGCATCGGACTTGCCTCTCTGCATGTTCAACATCGTAGAGGGAGATTCAATTTCCCAAGCCCTGGG
 AGCTTCTCCATCTACCAGGAACAGGCAGAAGGCTCCACCTCATTGCGCAACATCTGGCCACGCCCCAC
 TATCATCTCCCTTCTGCCTACCTGTGGCCCTTCCAGGAATTCAGTAGCCAGACCCCAAGACCTAGAC
 CTTTCTGCCCTCCAGGAGCCAAGTATGGGCTCTCGGCATCAGCGCTTCCCAGGGCTTCCCATCTCCG
 GGCACCAGAAGAGCAGCAACACTTGGCAGTATCCCTGGGCACCCCTACGCCAGGGCTGGGGGCCAAAT
 CGCCTCCGATGTACCTCTCAGCATCCCAACGCTTGCCAGTGGCCCTACGGCGGGCCCGGCTCATGAGA
 GCAGTGGGTCTGGAGAAAGCTACTGTACGGAACGCAAGTGGTACTTGGCTGATGGCCAGCCAGCGACTC
 CAGCTCAGGGCCCTGTATGGCTCTTCTAGTGACTCAGTGGTCAACTGCACGGACATCAGCTGCAGGGC
 GTCCATGGCAGCAGTTCTACCTCCGGAGCTCCCTGAGCAGTACTTTGACCCCTGGTATACTGTAGCC
 CTGAAGGGGCTCTCCAGGGGAAAGAGGTGCAACCTAGCATGACCTCTCGACCCCGCTCGTTGGACTCAGT
 GGTACCCACGGGGAGACCCAGGTTTCCAGCCACATACACTATCACCGGCACCGCCACCACACTACAAA
 AAGCAGTTCAGTGGCATAGCAGGAAGCCTGGCCTAGAACTGGGTTCCACAGTCCAGGCTGTGCTT
 CTCACACTCAGCTGGAGCCATCTCTCCCTGACCAGCAGCTCACACACCCAAACCCAGCAGTTTCTCAAT
 GCTCCCCAACCCACAACGGCCAGGGCCCTTACGGAGCCAGCCCTGGCCTAGCAGAAGCTGTACGCCCT
 AGCCCCAGTCCCAACCCAGTCTTTTGAATTTGCAGAAATCCAACCTCCCGTACAGATACCCACAGAGAA
 AACGGCGGGTGGCCCTCAGAAGCCCTGCCAACCTCTCAGCCCCAGGACTTGACTGTGCACACAGCTTG
 CCCCCTTCCCCCCTACTACAGCCCCAGTCTAGCATACCTTGGCCCCAGAGGTTTCAATGATATTC
 AGACCTCCAGGCTGGATAGGAGGCTGTACATGATGTACCAGGCCCTGTTACTCAAGTTCACAGCCAG
 TGTGGTTGTATCTGAATCCCCGCCAGCCTCTGGGACCATGCTTACCTGGAGAGGGACATTCGAAGTGGAG
 TTTTGACACCCCAAGGACAGGAGATGTCTTACTCACACTGCCAGGTGCTGCCAGCCAGCCTGGCTCG
 GAAGAGGAGCTTGAAGAGCTGTGTGAACAGGCTGTG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001135921
Insert Size: 2349 bp

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| 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: | <u>NM_001135921.1</u> , <u>NP_001129393.1</u> |
| RefSeq Size: | 2349 bp |
| RefSeq ORF: | 2349 bp |
| Locus ID: | 303412 |
| Cytogenetics: | 10q26 |