

## Product datasheet for **RN213449**

### **Rnf139 (NM\_001127545) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Rnf139 (NM_001127545) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Rnf139
Synonyms:	TRC8
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN213449 representing NM\_001127545  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGCCCAGCAGCAGGTCTGGGCGCGCTCGAAGTGGCGCTCCGGTGCCCTGCCTCTACATCATCGACG  
 CCATCTTCAACTCCTACTACGATTCCAGCCAAAGCCGGTTCTGCATCGGGCTTCAGATCTTCTCCGGCT  
 CCTCGGTATAGTTGTATCCAGTATTGTTCTGATCTTGTACAGCGATCACTTTTCAAAGTTTACATGTAC  
 AGCTCAGCCTTTCTATTAGCTGCAACTTCAGTGTGGTGAAGTACTATGCTGCTTGCACATTGACTTCT  
 ACGGTGCCTACAACAGTCAGCATTGGAATTGAGTTGCTTCTCGAAAGGGCCCTCACTGTGGATGGC  
 ACTCATCGTTCTGCAGCTAACCTTTGGAATCGGATACGTCCTACTCCACATTCAGTCTATCTATTCA  
 CAGCTGATTATTCTGAATATCTGGTTCCTGTAATCGGCTTAATCACAGAGCTACCATTACACATCAGAG  
 AGACGTTAGTTTTCATGTCTTCTGATTCTCATATTTAACACAATGCTTGTCTTGGCAGTAAAAGTTAA  
 GTGGTTTTATTACTCTACTCGGTATGTTACTTGTAGTGAGGCATATGTACCGAATTTATGGATTACAG  
 TTATTGATGGAGGACACATGGAAGCGGATTCGTTTCCAGACATACTTCGGGTCTTCTGGCTAACAAAGGA  
 TTACAGCTCAGGCTACAGTGTGATGTACATTTAAGGATGGCGAATGAGACTGAGTCCCTCCTTATTTTC  
 TTGGGATGATTTCTGGGACATCATTTGCAATCTAATAATTAGTGGGTGCGATTCTACACTAACTGTACTA  
 GGCATGAGTGTGTAATTTCTCAATAGCCATTACTTGGGCCTTGAATATTGGCCTTTATTGGATCAA  
 CTGAAGAAGATGACAGGCGGCTTGGCTTTGTAGCACCTGTTTTATTTTTCATTTTGGCTCTTCAGACTGG  
 TTTAAGTGGGCTGAGACCTGAAGAGAGACTTATTCGCTTAAGTAGAAACATGTGCCTTTTATTAAGTCA  
 GTCCTACATTTCCACGGAATGACAGACCCCGTGTAAATGTCTCTCAGTGCCTCCACGTCATCTT  
 TCCACAGACATTTCTGTGCTGTTTGTCTGCTTGCCTGTTTATTCTTCTGTTTACTCAGTTATGT  
 CCTTTGGCACCCTATGCACTAAACACGTGGCTGTTTGCAGTTACAGCCTTCTGTGTGAACCTCGCTTG  
 AAAGTAATTGTTTCCCTCACTGTCTACACGCTATTCATGATTGATGGCTACTATAATGTCCTCTGGGAAA  
 AGCTTGATGATTATGTCTACTTTGTTTCGCTCGACAGGCAATATTATCGAATTTATATTGGAGTAGTAAT  
 GTTTGGGAATGGGCCTATACCATGATGTTTGTAGTCAGGAAGTAAAATCCGGGCTTGTATGATGTGCCTA  
 CATGCATATTTAACATCTACTTACAAGTAAAAAATGGCTGGAAGACATTCATGAATCGTAGAAGTGTG  
 TTAAGAAAATTAATTCATCTCCTGAAATAAAAGGGAGCCACTTGAAGAAATAGATGATGTTTGTGCCAT  
 CTGCTATCATGAGTTCACAACGTCGCTCGGATTACACCGTGAACCATTTCCATGCACTCTGCCTT  
 CGGAAATGGCTGTACATTCAAGTACTTGTCCAATGTGTCATCAGAAAGTACATCGAAGACGATATCA  
 AGGACAATTCAAATGATCTAACAAACAGGATTTATTGCACCAATGAAATCAAACCCAGAGGAAGC  
 TTTAAGAGAAGATGCTGCTGGATCTGACCAGAAAATGAACGAGGATGACAGTACAGACTGTGATGATGAT  
 ATTCAAAGAGAAAAGAACGGGGGATTCAGCACACAGGCGCAGCAGCAGCAGCAGCAGAAATTAATGATG  
 A**CACTGAT**TAA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_001127545

**Insert Size:** 1971 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\\_001127545.1](#), [NP\\_001121017.1](#)

**RefSeq Size:** 2723 bp

**RefSeq ORF:** 1971 bp

**Locus ID:** 315000

**Cytogenetics:** 7q33