OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for RN203315

Rnf31 (NM_001108868) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids

Product Name: Rnf31 (NM_001108868) Rat Untagged Clone

Tag: Tag Free

Symbol: Rnf31

Vector: pCMV6-Entry (PS100001)

E. coli Selection: Kanamycin (25 ug/mL)

Cell Selection: Neomycin

Fully Sequenced ORF:

>RN203315 representing NM_001108868
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGCCAGGAGACGAGGAGCGAGCCTTCCTAGCGGCCCGCGAGGAGCTGGCGAGCGCCCTGAGGTGGGATT
CTGCGCAGGTATTTCCCCTGGAGCAGCTCACGCCGCTTCTGGCCACCTCTCTGCCACTCTCCTCCCGCTA
CCGGCAGCTGGATGCCGGACGCCTGGTCCGCTGCAACGCTCATGGGGAGCCTCGAAACTACCTCAACACT
CTATCCACGGCCCTGAACATCCTGGAAAAGTATGGTCGAAACCTCCTCAGCCCACAGCGGCCCCGGTATT
GGCGCTCAGTGAAGTTTAATAACCCTGTCTTTCGCAGCACGGTGGATGCTGTGCAGGGTGGCCGGGATGT
GCTACGGTTGTATGGCTATACCGAGGAGCGCCCAGATGGATTGAGTTTCCCCGGAGGGCAGGAGGAACCA
GATGAATACCAGGTTGCCATAGTCACACTAGAAGTACTACTGCTTCGCACGGAGCTCAATTTGCTGTTGC
AGAATACTCATCCAAGACAGAACGCACTGGACCAGCTACTAAGAGACAGCGTTGAAGATGACATGCTGCA
GCTTTCAGAGTTTCACCCCCTTTTGAGAGAGATTGTTCCTGGCCCCCTCCCCTCTGCCCCAGGCCATACT
CCTGGTCCCTGCTTTCTCTGTGGTTCTGCCCCAGGCACACTGCACTGTCCAGCCTGTAACCAAGCTTCAT
GCCCAGCTTGTGACCTTTTGTTCCATGGGCATCCGTCCCGTGCGCATCACCTTCGCCACACCCTACCCGG
GGCCCACCAGACCACCAACCTAAGCTCTAGTTTACCTGCCTCGTCCCAACCACGGCCCCACTCCTCCTCC
CTGGCCATGGGAGATAGCTCTCTCTCTTCCCCTGACCCTGCAAATGCTTGTCTGCCCTGGCACTGTCCTA
CCTGTGCCACATTAAACGAGCCTTGGGCAGTGTTCTGTGCAGCCTGTAGTCAGCCCAAAGGCTGTAAGGT
GCGGGGAAGAGAGAGTTCCCAAGGAACTGGGGTCCTAGAGCCCGAGCCTGCACGGGATCAGTGGGCCTGC
CAGAGCTGTACCTTTGAGAATGAGGCAGCAGCCGTGCTCTGTGCCATCTGTGAGCGACCTCGGCTGGCCC
AGCCTCCCAGCTTGGTGGTGGATTCCCATGACGCTGGTGTTTACCAACAGCCCCTTAAGCAGGAGGATAC
TTTGCTCTCCGCTGCCCAGTCTCAGGTGTGGCACTGTGACCATTGTACCTTCTGCAATTCAGGCCCTGTC
TGGGTGTGTGCCATGTGTAACCGGACTCGCAGCCCCATCCCTGCACAGCCCTATCCCAGCTCCTTGGAGA
AGGGACTCTCACAGCCAGGGTCCTCACAACACCTCAGCTCCTCCCTGCCTGCTTCCTGTGGAGATCCAGA
GAAACAGCGCCAAGATAAGATGCGGAAGGAAAGTCTCCAGCTAGTGAACATGATCCAGGAAGGGGAAGCT
GCAGGTGCCAGTCCAGAAGAGATCTTCTCGGCTCTACAATACTCGGGCACTGAGGTGCCCCTGCAGTGGT
TGCGTTCAGAGCTGTCCTACGTCTTGGAGATGGTGGCTGAGCTAGCTGGACAACGGGATCCAGAGCTCGG
TGCCTTTTCCTGTCAGGAAGCCCGGAAAGCCTGGCTTGATCGTCATGGCAACCTTGATGAAGCTGTAGAG

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GAGTGTGTGAGGGCCAGGAGGAGGAAGGTGCAGGAGCTCCAGTCCCTGGGCTTTGAGCCTAAAGAAGGGT
CGCTGCAGGCATTGTTCCAGCATGGGGGTGATGTGGCCCGGGCCCTAACTGAGTTACAGCGACAGCGCCT
GGAGCCTTTCCACCAGCGCCTCTGGGGCAGAGACCCCGAACCCACTCCCTGCTGGGATGGCCTGGATAGA
CAGAGCCTGGTCAGACGCCTTCTGGCGGTATACACACTCCCCAGCTGGGGTCGAGCAGAGTTGGCGTTAG
CGCTGCTGCAGGAGACACCCAGGAACTATGAGTTGTTGGACGTGGTGGAGGCCGTGAGGCACAGTCAGGA
CCGGGCCTTTCTGCGCCGACTGCTTGCCCAGGAATGTGCTGTGTGCGGGTGGGCCCTTCCCCGAAACCGG
ATGCAGGCCCTGATCTCCTGCGAGTGCACCATATGCCCTGAGTGTTTCCGCCAGCATTTCACCATTGCCC
TGAAGGAGAAGCACATCACAGACATGGTGTGCCCTGCCTGTGGCCGCCCTGACCTCACCGATGATGCGCA
GTTACTCAGTTACTTCTCCACCCTTGACATCCAGCTCAGAGAGAGCCTAGAGCCGGATGCATATGCTCTG
TTTCATAAGAAGCTAACCGAGGCTGTGCTCATGCGAGACCCCAAGTTCTTGTGGTGTGCCCAGTGTTCCT
TCGGCTTCATATATGAACGAGAACAGCTGGAGGCGACATGTCCCCAGTGTCACCAGACCTTCTGTGTGCG
CTGCAAGCGCCAGTGGGAGGAGCAGCACAGAGGGCGGAGCTGTGAGGATTTCCAGAACTGGAAACGCACC
AATGACCCAGAGTACCAGGCTCAAGGCCTGGCCATGTACCTTCAGGAAAACGGCATAGACTGCCCCAAAT
GCAAGTTCTCATACGCACTGGCCCGAGGAGGCTGCATGCACTTCCACTGCACACAGTGTCGCCACCAGTT
CTGCAGCGGCTGCTACAATGCCTTTTACGCCAAGAATAAATGTCCAGACCCTAACTGCAAGGTGAAAAAG
TCCCTGCATGGTCACCACCCTCGAGATTGCCTCTTCTACCTACGGGATTGGCCTGCTGCCCGGCTCCAGA
AACTTTTGCAGGACAATAATGTCATGTTTAACACAGAGCCTCCTGCCGGCACACGGGCAGTCCCTGGAGG
TGGCTGCCGAGTGATGGAACAGAAGGAGGTTCCCAGTGGGTTCAGGGATGAAGCTTGTGGCAAGGAAACT
CCGCCTGGCTATGCCGGCCTGTGTCAGGCACACTACAAAGAGTATCTTGTGAGCCTCATCAATGCCCACT
CGCTGGACCCAGCGACCCTGTATGAAGTGGAGGAACTGGAGACAGCCACTGCACGCTACCTACATTTAAC
GCCCCAACCCATGGATGGAGAGGATCTTCCTGCTTACCAGGCCCGGTTGTTACAGAAGCTGAGAGAAGAG
GTGCCCTTGGGACAGAGTATTGCTCGCAGAAGAAAGTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001108868

Insert Size: 3189 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_001108868.1, NP_001102338.2

RefSeq Size: 3394 bp

RefSeq ORF: 3189 bp

Locus ID:	364386
Cytogenetics:	15p13