

## Product datasheet for **SC322447**

### RNF138 (NM\_016271) Human Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** RNF138 (NM\_016271) Human Untagged Clone  
**Tag:** Tag Free  
**Symbol:** RNF138  
**Synonyms:** hNARF; HSD-4; NARF; STRIN  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-AC (PS100020)  
**E. coli Selection:** Ampicillin (100 ug/mL)

**Fully Sequenced ORF:** >OriGene sequence for SC322447  
AACGCCGCTTCGGGGCTCCTAGGGAGTCGGGCCCGGGCCGCCACCGTCACCTCGGCCG  
TGCCGCTGTCGCCATCGCCTTGTTCCTCCATCCCCGCCATGGCCGAGGACCTCTCTGCG  
GCCACGTCTACACCGAAGATGATTTCTACTGCCCGTCTGTGAGGAGGTGCTCAAAACG  
CCCGTGCCGACCACGGCCTGTCAGCACGTTTTCTGTAGAAAATGTTTCCTGACTGCAATG  
AGGAAAAGCGGAGCACATTGTCCCTATGTCGTGGAAATGTGACTAGAAGAGAGAGACA  
TGTCTGAACGGGCCTTAGACCTTGAAAATATAATGAGGAAGTTTTCTGGTAGCTGCAGA  
TGCTGTGCAAAACAGATTAATTTCTATCGCATGAGACATCATTACAAATCTTGTAAGAAG  
TATCAGGATGAATATGGTGTCTTCTATCATTCCAACTTTTCAGATCTCTCAAGATTCA  
GTAGGGAACAGCAATAGGAGTGAACATCCACATCTGATAACACAGAACTTACCAAGAG  
AATACAAGTTCTTCTGGTCATCCTACTTTAAGTGTCCCCTGTGTCAAGAATCAAATTTT  
ACCAGACAGCGTTTACTGGATCACTGTAACAGTAATCACCTATTTTCAGATAGTTCCTGTG  
ACATGTCTATTTGTGTGTCTCTTCCCTGGGGAGATCCTAGCCAGATTACCAGAAATTTT  
GTTAGTCATCTAAATCAGAGACATCAATTTGATTATGGAGAATTTGTGAATCTTCAGCTA  
GATGAAGAAACCAATACCAAATGCTGTTGAAGAATCTTTTCAAGTAAACATCTGAAGG  
CTGTAGACATCTCTGCATCTTTGTACCTGCAAGTGCCATCTTTAAGGGGAAACTACATG  
AAGTCACCGTTACAGTAACTTGATGTGTATTAATAAAAAGTAATTCAGTCATTTTAGTT  
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GAAAGTTATGACATTAGCTTTAAGGTGTAAGAAAGATGTTTCACTAATGTAACGGTGAA  
AGAGAATCCCTGTTGACTTTATCTTTTTGTAATATTATTTTGAATTTTTCATTATTAT  
GTTGCTTTTGAATTTGATGCATTCCTCCATTTACTTTATTATTGTACACATTTAACAC  
ACAGTAGCAAAATTTGAACGATGTGATTGATATAACCTAACAAATCTGAGCCAGTTATTA  
TTAGAGTTGCAGAAATAGAACTTGAAGTGCTAAATGGAATAATCCAAAGGAAATTTTTTA  
AATGCAGTTCTAGCTGAAAAATCAACTATAAGAAAATTTGATTTTATATAACATTTACT  
ATTTTTGAAGACTAGTGAGATTTCTGTAATAATTTAATCTTTAAAAAGTGAAGCTTG  
TTGTAAGATATTTCTTTTGTATTAGAAGGAAATACAAAGAGAAAAATTTCTTTCTT  
TCATGGGCATTTGATAATTCAGTCTTTGACTGATTTGTAAGCCTAGAATATACTAAGCT



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GAATAACAGCTCTTTGGCCTCAGAATTTTCAGTAGCCAGTATTTCTGATTAACAAAGTTG
AAACTCTTATTAGAACTTTTCAGTTGGTGATATTGTATTCTAGAAGATATAAATGAGAGG
TTTGGCTTCATCTCAGTTTGAATTTATTCAAAGCTAAAGATGTATATACATATACT
TTTTTGTGTATATACACATATGTGTGTATGCAGTTTGCAGGTTATATATAGAATTC
TATTAAGGATTTTTAAATGGACAAGCAATAGGGGTTGAAGTGTATCTGATTTGTTT
AAAATTTGTATACACCAATTTTTAAAAAGTGATAGTCACAGTGCTAAGTTATCTAGT
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TTAAAGGAGGGAATTGTATTGATACTCCAATACCTAAATTTACAATACCACTTAGGAAA
GCTATTTCAACAAATTACAGTTTATTGTTAAAACAGAGTCTTATTTGAGATGTATTGCT
TTATTTTCAATTAAGTGGTTTTCTCCTAAAAA

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**Restriction Sites:**

Please inquire

**ACCN:**

NM\_016271

**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).

**OTI Annotation:**

This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

**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\\_016271.3](#), [NP\\_057355.2](#)

RefSeq Size: 3566 bp

RefSeq ORF: 738 bp

Locus ID: 51444

UniProt ID: [Q8WVD3](#)

Cytogenetics: 18q12.1

Domains: RING

**Gene Summary:** The protein encoded by this gene contains a RING finger, a motif present in a variety of functionally distinct proteins and known to be involved in protein-DNA and protein-protein interactions. Alternatively spliced transcript variants encoding distinct isoforms have been observed. [provided by RefSeq, Jul 2008]  
Transcript Variant: This variant (1) represents the longest transcript. Variants 1 and 3 encode the same protein (isoform 1).