

Product datasheet for **SC114371**

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:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC114371 sequence for NM_016271 edited (data generated by NextGen Sequencing)

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ATGGCCGAGGACCTCTCTGCGGCCACGTCCTACACCGAAGATGATTTCTACTGCCCGTC
TGTCAGGAGGTGCTCAAACGCCCGTGGCGACCACGGCCTGTCAGCACGTTTTCTGTAGA
AAATGTTTCCTGACTGCAATGAGGGAAAGCGGAGCACATTGTCCCCTATGTCGTGGAAAT
GTGACTAGAAGAGAGAGAGCATGTCTGAAACGGCCTTAGACCTTGAAAAATAATGAGG
AAGTTTCTGGTAGCTGCAGATGCTGTGCAAAACAGATTAATTTCTATCGCATGAGACAT
CATTACAAATCTGTGAAGAAGTATCAGGATGAATATGGTGTCTTCTATCATTCCAAAC
TTTCAGATCTCTCAAGATTCAGTAGGGAACAGCAATAGGAGTGAAACATCCACATCTGAT
AACACAGAAACTTACCAAGAGAATACAAGTTCTTCTGGTCATCCTACTTTTAAGTGTCC
CTGTGTCAAGAATCAAATTTTACCAGACAGCGTTTACTGGATCACTGTAACAGTAATCAC
CTATTTAGATAGTTCTGTGACATGTCTATTTGTGTCTCTTCTTGGGGAGATCCT
AGCCAGATTACCAGAAATTTTCGTTAGTCATCTAAATCAGAGACATCAATTTGATTATGGA
GAATTTGTGAATCTTCAGCTAGATGAAGAAACCAATACCAAACCTGCTGTTGAAGAATCT
TTTCAAGTAAACATCTGA
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Clone variation with respect to NM_016271.4



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5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_016271 unedited</p> <pre> TTTGTAAATACGACTCACTATAGGGCGGCCGCAATTTCGGCACGAGGAGGCCCACTTCAC ACCCCGTGCCTCCCCGCCTCTCCTGGCTCCTCCGCCAGATCCCCGGCGCTCCCGCGTTC GGTGACGGCCGGGTAGGCTGTAGGCAGCGCAATGCCAAGACAGAGCTGCTGGCGGCCGGC GGCGAATCTCCCTGCACCATGAGCCTCGGCTCCGGCCCCGTTAGGGGCCGATAAGCACAG CGCACGCCGCCCTCCATTTGCCCGGGGCTCGGCTGCGAAGATAGCGGGCCGGACAG GAAGCTCGAGGAAAGCGCTGGGCCGGTCTCTACGAACACGTGAAGGAAAAGCAGCTCCG TCCACAACGCCGCTTCGGGGCTCCTAGGAGTCGGGCCCGGGCCGCCACCGTCACCTCG GCCGCTGCCGCTGTCGCCATCGCCTTGTTTCCCCATCCCCGCCATGGCCGAGGACCTCT CTGCGGCCACGTCTACACCGAAGATGATTTCTACTGCCCGTCTGTCAGGAGGTGCTCA AAACGCCCGTGGGACCACGGCCTGTCAGCACGTTTTCTGTAGAAAATGTTTCTGACTG CAATGAGGAAAAGCGGAGCACATTGTCCCCTATGTCGTGGAATGTGACTAGAAGAGAGA GAGCATGCTCTGAACGGGCTTAGACCTTGAAAATATAATGAGGAGTTNTCTGGTAGCTG CAGATGCTGTGAAAACAGATTAATTCTATCGCATGAGACATCATTACANATCTGTNA GAGTATCAGGATGAATATGGGNGTTNCNTCTATCATTCCCACTTTCAGATCTCTCAAGA TTCAGTAGGGACAGCANNTAGAGTGAAACATCCACATCGGATACACAGAAACTTACAAGA A </pre>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_016271 unedited</p> <pre> CCGCGGGCCGCAATCTANAGTCGAGTTTTTTTTTTTTTTTTTCCAAATTAACATTTTTTA TTAAATCAAGTAAAAAAAATGTTTCAGTGTAGAAAAGTCAACAAGGGTTTTAACAAAACC AAAATATACCTTTTTATACAATATATGTATATATTAGCAGCAAACACTCTGAGATTCT CTTTCTTTTATGTTCTTCTAGTTATTTTAAAGAAAGCATAAAACAATGTATATTAGTATGG AATGTCAGCAAATCCACTCTTAGTCCTTTATTCTGTGATTTGGGCCTTACAAAATACT TTGTGATTCTCACTAATGAATATTAAGAACATACCCAATTTTAACTAAAAAGTAGTGAAA CAGTGGTGGTAGAATCTTCTCACTATATCACGGTCACACATTATTTGAGAATAACA AATGAGCACCATAAAACAGGTAATTTGTGTGTGTGAACTCAATTTTTAAGGTGTAATA GTAGCCAACTAGATAACTTAGCACTGTGACTATCACTTTTTAAAAATTTGGTGATATACA AAATTTTAAACAAATCAGATAAACACTTCAACCCCTATTGCTTGCCATTTAAAAAATC CTTAATAGAAATCTATATATAACCTGACAAACTGCATACACACATATGTGTATATATA ACACAAAAGTATATGTATATATACATCTTTAGCTTTGAATAAAATTTCTAACTGAGATGA AGCCAAAAGTCTCATTATATCTTCTAGAATAACAATATCACCAACTGAAAGTTTCTAATA AGAGTTTCAACTTAGTTAATCAGAATACTGGCTACTGAAAATNCTGGAGCCAAAGAGCTG TTATCCAGCTTAGTATATTCTAGGCTTACAATCAGTCAAAGACTGGAATTATCAAATGCC CATGAAAGAAAGAAATTTTCTCTTTGAATTTCTCTCTATAACAAAAGAAAATATCCT TACACA </pre>
Restriction Sites:	NotI-NotI
ACCN:	NM_016271
Insert Size:	3120 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_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).