

Product datasheet for **SC108501**

RNF113A (NM_006978) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	RNF113A (NM_006978) Human Untagged Clone
Tag:	Tag Free
Symbol:	RNF113A
Synonyms:	Cwc24; RNF113; TTD5; ZNF183
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC108501 sequence for NM_006978 edited (data generated by NextGen Sequencing)

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ATGGCAGAGCAGCTTTTCCAGGAAAGGCGGTGGATCAGGTGTGCACCTTCTTTTCAA  
AAGCCTGGGCGGAAAGGGCTGCTGGACGCAGAAAGCGCCCGCCTGCGACCCAGAGCCC  
GGAGAAAGCGGCAGCAGTAGCGACGAAGGCTGCACTGTGGTTCGACCGGAAAAGAAGCGG  
GTGACCCACAATCCAATGATACAGAAGACCCGTGACAGTGGTAAACAGAAGGCGGTTAC  
GGCGACTTGAGCAGCGAAGAGGAAGAGGAAAATGAGCCCGAGAGTCTCGGCGTGGTTTAT  
AAATCCACCCGTTCCGGCGAAACCCGTGGGACCAGAGGATATGGGAGCGACAGCTGTCTAT  
GAGCTGGACACAGAGAAAGAGCGCGATGCACAAGCCATCTTTGAGCGCAGCCAGAAGATC  
CAGGAGGAGCTGAGGGGCAAGGAGGATGACAAGATCTATCGGGGAATCAACAATTATCAG  
AAATACATGAAGCCAAGGATACGTCTATGGGCAATGCCTCTTCCGGGATGGTGAGGAAG  
GGCCCCATCCGAGCGCCGAGCATCTACGTGCCACCGTGCCTGGGATTACCAGCCCGAC  
ATCTGTAAGGACTACAAAGAGACTGGCTTCTGCGGCTTCGGAGACAGCTGCAAAATTCCTC  
CATGACCGTTTCAGATTACAAGCATGGGTGGCAGATCGAACGTGAGCTTGTGAGGGTCCG  
TATGGTGTCTATGAGGATGAAAATATGAAGTGGGAAGCGATGATGAGGAAATACCATT  
AAGTGTTCATCTGTGCCAGAGCTTCCAAAACCCAGTTGTACCAAGTGCAGGCATTAT  
TTCTGCGAGAGCTGTGCACTGCAGCATTCCGCACCACCCCGCGCTGCTATGTCTGTGAC  
CAGCAGACCAATGGCGTCTTCAATCCAGCGAAAAGAATTGATTGCTAAACTAGAGAAGCAT  
CGAGCTACAGGAGGGTGGTGTCTCCGACTTGCCAGAAGACCCCGATGAGGATGCAATT  
CCATTACTTAG
```

Clone variation with respect to NM_006978.2



[View online »](#)

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_006978 unedited
 NGGGTCGGGGAATATAAAAACACGATTGCACTAGTAGGGCGGACCGCGCAATTCGCACG
 AGGGAGACGGGCGCTCGGGCTCTCGCAGTCCTCTCCGTGAGTGTCTTTTGTTCGACTC
 CCGGCGGAGCGCGCAACGTGGAGTGACGTGCAGGGGCCAAGTGAACCCAGGCAGCCACG
 GCTGTTTTCGGAGCTCAGGACTCTAAAATGGCAGAGCAGCTTTCTCTAGTAAAGGCGGTGG
 ATCAGGTGTGCACCTTCTTTTCAAAAAGCCTGGGCGGAAAGGGGCTGCTGGACGCAGAA
 AGCGCCCGGCTCGGACCCAGAGCCCGGAGAAAGCGGCAGCAGTAGCGACGAAGGCTGCA
 CTGTGGTTCGACCGGAAAAGAAGCGGGTGACCCACAATCCAATGATACAGAAGACCCGTG
 ACAGTGGTAAACAGAAGGCGGCTTACGGCGACTTGAGCAGCGAAGAGGAAGGAAAAATG
 AGCCCCAGAGTCTCGGCGTGGTTTATAAATCCACCCGTTTCGGCGAAACCCGTGGGACCAG
 AGGATATGGGAGCGACAGCTGTCTATGAGCTGGACACAGAGAAAGAGCGCGATGCACAAG
 CCATCTTTGAGCGCAGCCAGAAGATCCAGGAGGAGCTGAGGGGCAAGGAGGATGACAAGA
 TCTATCGGGGAATCAACAATTATCAGAAATACATGAAGCCCAAAGATACGTCTATGGGCA
 ATGCCTCTTCGGGATGGTGAGGAAGGGCCCCATCCGAGCGCCCGAGCATCTACGTGCCA
 CCGTGCCTGGATACCAGCCCGACATCTGTAAGGACTACAAAGAGACTGGGCTTCTGCG
 GCTTCGGAGACAGCTGCAAATTCCTCCATGACCGCTCACATTACCAGCATGGTTGGCAGA
 TCCAACGTGAGCTTGATGAGGGTCGCTATGGGGT

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_006978 unedited
 NGGCTTTTACTTGNACGCGGCCGCTTTCTANGATCGAGTTTTTTTTTTTTTTTTTTTTTTT
 TCCAAAAAACAAAACGTTTATTTTTTAAATTTAAGAATTATGGGAAAACCTAAGTAATG
 GGAATTGCATCCTCATCGGGTCTTCTGGCAAGTCGGAAGCACCACCTCTCCTGTAGCT
 CGATGCTTCTCTAGTTTAGCAATCAATTCTTTCGCTGGATTGAAAACGCCATTGGTCTGC
 TGGTCACAGACATAGCAGCGGGGTGGTGCGGAAATGCTGCAGTGCACAGCTCTCGCAG
 AAATAATGCCTGCACTTGGTGACAACTGGGTTTTGGAAGCTCTGGCGACAGATGAAACAC
 TTGAATGGTATTTCTCATCATCGCTTCCCACTTCATAGTTTTTCATCCTCATAGACACCA
 TAGCGACCCTCATCAAGCTCACGTTTCGATCTGCCACCCATGCTTGAATCTGAACGGTCA
 TGGAGGAATTTGCAGCTGTCTCCGAAGCCGAGAAAGCCAGTCTCTTTGTAGTCCTTACAG
 ATGTCGGGCTGGTAATCCAGCGCACGGTGGCAGTAAATGCTCGGGCGCTCGGATGGGG
 CCCTTCTCACCATCCCGAAGAGGCATTGCCCCATAGACGTATCCTTGGGCTTCATGAT
 TTCTGATAAATTGTTGATTCCCGATAGATCTTGTATCCTCCTTGGCCCTAAGCTCCTCC
 TGATCTTCTGGCTGCGCTCAAAGATGGCTTGGCATCGCGCCTTCTCTGTGCCACAGC
 TCATACCAGCTGTGCTTCCATATCCTCTGGTCCACGGGTTTCGCCGACCGCGTGGATT
 TATAAACACGCGGAGACTCTCGGCCTCATTCTCTTCTTTTCGTGCTCAGA

Restriction Sites:

NotI-NotI

ACCN:

NM_006978

Insert Size:

1260 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_006978.1](#), [NP_008909.1](#)

RefSeq Size: 1349 bp

RefSeq ORF: 1032 bp

Locus ID: 7737

UniProt ID: [O15541](#)

Cytogenetics: Xq24

Domains: zf-CCCH, RING

Protein Families: Druggable Genome, Protease

Gene Summary: This intronless gene encodes a protein which contains a C3H1-type zinc finger domain and a C3HC4 Ring-type (Really Interesting New Gene-type) zinc finger domain. The Ring-type zinc finger domain is identified in various tumor suppressors, DNA repair genes and cytokine receptor-associated molecules, and is probably involved in mediating protein-protein interactions. [provided by RefSeq, May 2010]