

Product datasheet for **SC108778**

RNF38 (NM_022781) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	RNF38 (NM_022781) Human Untagged Clone
Tag:	Tag Free
Symbol:	RNF38
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	<p>>OriGene sequence for NM_022781 edited</p> <pre>GCCGGGAGCAGGTAGTGTGGTCTTTTCAGTGCCAGTCCATCCATCAGACCACAT TTGTCATGATGACAGTGACAAGATATCTCCCGGGCCAATTCAGCATCTCTACCTGGCCA TCCTAACAAAGGTATTTGTGAAAGGGTGAGACTTCAGAGCCTGTTCCCTCTCCTCCCAAG TGATCAGAACACTACCGTTCAAGAGGATGCTCACTTCAAAGCTTTCTTCCAGAGTGAAGA TAGTCCAAGTCTAAGAGACAGCGCCTCTCTCATTGAGTCTTTGATTATACATCAGCATC ACCAGTCCCTCACCACCAATGCGACCATGGGAGATGACATCAAATAGGCAGCCCCCTTC AGTTCCGACCAAGCCAACATCACTTCTCAGGGGAACGATGCAACACACCTGCACGCAACAG AAGAAGTCTCTGTGTCAGGCGCCAGAGAGGAAGAAGGGATCGTCTGTCTCGACATAATTC CATTAGTCAAGATGAAAACATCACCATCTCCCTTACGCACAGCAGCAAGCAATAGAGGA GCCTCGAGCCTTCCACCCTCCGAATGTATCTCCCGTCTGCTACATCCTGCTGCTCATCC ACCCAGCAGAATGCAGTCATGGTTGACATACATGATCAGTCCATCAAGGAACAGTCCC TGTTTCTTACACAGTAACAACAGTGGCACCATGGGATTCCACTCTGCACAGGCCAGCA CATCCCTGCTTGTAGTACACAGCAGGTCCAGGATGCTCTGTGGTTTTTCAGTGGACAGCA CCTCCCTGTCTGTAGTGTGCCTCCTCCAATGCTTCAGGCATGTTGAGTTCAGCACTTACC AGTACCATATGCTGCATTCCCACCCCTATTTCTAGTATCCATTTCTTATACATCCTCC TCACCTTTCTCCCATCATCCTCCTCATTTGCCACCACCAGGCCAGTTTGTCCCTTTCCA AACACAGCAATCACGATCGCCTCTGCAAAGGATAGAAAATGAAGTGGAACTCTTAGGAGA ACATCTTCCAGTAGGAGGTTTTACTTACCCTCCATCAGCCACCCCAACATTACTCC ATCAGCTCCCTTGCAGTTCTTAACACATGATCCTTTGCATCAGGAGGTGTCCTTTGGAGT ACCTTATCCTCCATTTATGCCTCGGAGGCTTACAGGACGTAGTAGATACCGATCCAGCA GCCAATACCACCTCCCCCTTATCATCCCAGCTTACTGCCATATGTGTTATCAATGCTTCC AGTGCCACCTGCAGTGGGCCCACTTTTCAGCTTTGAATTAGATGTAGAAGATGGAGAAGT AGAAAATTACGAGGCCCTGTAAACCTGGCAGAGCGACTGGGAGAGGCAAAAGCCTCGTGG ACTGACTAAAGCAGATATTGAACAACCTTCTTCTATCGGTTCAATCCTAACCAACCACCA GTCAGAACAGACTTTGTGTGTAGTATGCATGTGTGATTTTGTGATCAAGGCAGCTACTTAG AGTCTTACCCTGTAACCACGAGTCCATGCCAAGTGTGTTGACAAATGGCTTAAGGCCAAA TCGTACTTGCCTCAATTTGCCAGCTGATGCTTCCAGAAAGTGCATCCGGATTGAGAAATGACC AACCTAAGAAGCACAATTTAGTTTGGGTGTTCTCATCATGATATACGGACTATCC</pre>



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5' Read Nucleotide Sequence:

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>OriGene 5' read for NM_022781 unedited
GTGCACCAATTTGTAATACGACTCACTTATAGGGCGGCCGGAATTCGCACGAGGGCCGG
GAGCAGGTAGTGTGGTGTCTTTTTCAGTGCCAGTCCATCCATCACGACCACATTTGTC
ATGATGACAGTGACAAGATATCTCCCGGGCCAATTCAGCATCTCTACCTGGCCATCCTA
ACAAGGTGATTTGTGAAAGGGTGAGACTTCAGAGCCTGTTCCCTCTCCTCCCAAGTGATC
AGAACACTACCGTTCAAGAGGATGCTCACTTCAAAGCTTTCTTCCAGAGTGAAGATAGTC
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TCCCCGGCTTGTAGTACACAGCAGGGTCCCAAGAAGCTCTGTTGGTTTTCCAGGGGACGCC
CCTCACTGTTGTAGTGGGCTCCTTCAATGTTTCAGCATGTTCAAGTCCACACTTAACCG
TCCCTATGCTGGTTTTCCCCCTTTTTTAAGG
    
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3' Read Nucleotide Sequence:	>OriGene 3' read for NM_022781 unedited AAGGGGTACGATGATNACAAAACATCTAGCTTTCAACGCCTNTNCAACTTCCAAAATTGG GGCACAGGGGATTAATAATTTCATTGCACTACTTAGTAAAGCATTACTAGTAACT TTCATAAAAAATGTACAAAACCTTTGTTAAAAATTTATCAAGCCTTCAAATGATTTGGTTAC AGATATTTATAATACATACATTTAAAACATATGTTAACTGATACAATGGAATATGATTT GAGAAAAATGACTCAGCAAATGATGGCAAAAAACACCCCTGTGAGCTTTCACAATCGAAA CGGCAAAATGAGGTAACCAAATGTACCAACAGGGGGACAACAAACAGCTTTCTAATGAA AAGGCCCAAGATAATCTGTGAAAAATATTCTCACAAGTGAGTCGGTAGATCTCATTCAA AATTATTCTAAGAGGCCCAAATTTAAGAATCTTAACAAATCACATTTTCAGATAGTATATA AAATCTAAATATGCTTTTCACATTTCCAGATCTTGCTTTACAAATTAACGACAGAAAATC CTAATATGAGATCTTGACACCTGGGAGCCTTATTTTTCTGAGGGGCTGGGGGTCAAATA TCTCTTCAGATGACAATTCATGTCCAAAAACATAACAATAACCCCCCAAGTAACCCCTGC TCATTTAAACAAGGTCAAACCTATTATTTTTTTTTGGAGGATATCAGGACCAATGGCTC AATGAACCCACCATGCCGCCCTGCTTTCTGTTGCCTTACCCCCAAGCTGCCCAAACGGG TTGGTCGCAACATATATCTTCTTTTGCTAATCATCTAGATTGTTCTTTCGGGATANC TTTGATTGGGTGAGAAACCTCGTTGTGGGGTGTCTGGTTTATCTGTTACTACATATAAT CCAACCTTNGTCAACAGTTTCTTCTCGCTCTAGCACACATCTCTTTTTTCCACGGTTT ACGGCTCTTATGGTTACCACTACACATCATCATCACTN
Restriction Sites:	NotI-NotI
ACCN:	NM_022781
Insert Size:	5410 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:	<ol style="list-style-type: none"> 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_022781.2 , NP_073618.2
RefSeq Size:	4694 bp
RefSeq ORF:	1299 bp
Locus ID:	152006
UniProt ID:	Q9H0F5
Cytogenetics:	9p13.2
Domains:	RING

Protein Families: Druggable Genome

Gene Summary: This gene encodes a protein with a coiled-coil motif and a RING-H2 motif (C3H2C2) at its carboxy-terminus. The RING motif is a zinc-binding domain found in a large set of proteins playing roles in diverse cellular processes including oncogenesis, development, signal transduction, and apoptosis. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Dec 2008]
Transcript Variant: This variant (1) encodes the longest isoform (1).