

Product datasheet for **RC213895**

RNF38 (NM_194329) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	RNF38 (NM_194329) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	RNF38
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>RC213895 representing NM_194329
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCTTGAAGAGTGAAGATAGTCCAAGTCTAAGAGACAGCGCCTCTCTCATTAGTCTTTGATTATA
 CATCAGCATACCCAGCTCCCTCACCAATGCGACCATGGGAGATGACATCAAATAGGCAGCCCCCTTC
 AGTTCCAGCAAGCCAACATCACTTCTCAGGGAAACGATGCAACACACCTGCACGCAACAGAAGAAGTCTT
 CCTGTCAGGCGCCAGAGAGGAAGAAGGGATCGTCTGTCTCGACATAATTCCATTAGTCAAGATGAAAAT
 ATCACCATCTCCCTTACGCACAGCAGCAAGCAATAGAGGAGCCTCGAGCCTTCCACCCTCCGAATGTATC
 TCCCCGTCTGCTACATCTGCTGCTCATCCACCCAGCAGAATGCAGTCAATGGTTGACATACATGATCAG
 CTCCATCAAGGAACAGTCCCTGTTTCTTACACAGTAACAACAGTGGCACCACATGGGATTCCACTCTGCA
 CAGGCCAGCACATCCCTGCTTGTAGTACACAGCAGGTCCAGGATGCTCTGTGGTTTTTCAGTGGACAGCA
 CCTCCCTGTCTGTAGTGTCCCTCCAATGCTTCAGGCATGTTTCAGTTCAGCACTTACCAGTACCATAT
 GCTGCATTCACCCCTTATTTCTAGTATCCATTTCTTATACATCCTCCTCACCTTTCTCCCCATCATC
 CTCTCATTTGCCACCACCAGGCCAGTTTGTCCCTTTCCAAACACAGCAATCACGATCGCCTCTGCAAAG
 GATAGAAAATGAAGTGGAACTCTTAGGAGAACATCTCCAGTAGGAGGTTTTACTTACCCTCCATCAGCC
 CACCCCCAACATTACCTCCATCAGCTCCCTTGCAGTTCTTAACACATGATCCTTTGCATCAGGAGGTGT
 CCTTTGGAGTACCTTATCCTCCATTTATGCCTCGGAGGCTTACAGGACGTAGTAGATACCGATCCAGCA
 GCCAATACCACCTCCCCCTTATCATCCCAGCTTACTGCCATATGTGTTATCAATGCTTCCAGTCCACCT
 GCAGTGGGCCAACTTTCAGCTTTGAATTAGATGTAGAAGATGGAGAAGTAGAAAATTACGAGGCCCTGT
 TAAACCTGGCAGAGCGACTGGGAGAGGCAAAGCCTCGTGGACTGACTAAAGCAGATATTGAACAACCTTC
 TTCTTATCGGTTCAATCCTAACCAACCACAGTCAGAACAGACTTTGTGTGTAGTATGCATGTGTGATTTT
 GAGTCAAGGCAGCTACTTAGAGTCTTACCCTGTAAACCAGAGTTCATGCCAAGTGTGTTGACAAATGGC
 TTAAGGCAAATCGTACTTGCCCAATTTGCCGAGCTGATGCTTCAGAAGTGCATCGGGATTAGAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC213895 representing NM_194329
 Red=Cloning site Green=Tags(s)

MACKSEDSPPKQRQLSHSVFDYTSASPAPSPMPRPWEMTSNRQPPSVRPSQHHSGERCNTPARNRRSP
 PVRRQRGRDRRLSRHNSISQDENYHLLPYAQQQAIIEPRAFHPPNVSPRLLHPAAHPPQQNAVMDIHDQ
 LHQGTVPVSYTVTTVAPHGIPLCTGQHIPACSTQQVPGCSVVFSGQHLPVCSVPPMLQACSVQHLVPVY
 AAFPPLISSDPFLIHPHPLSPHHPHPLPPPQFVFPQTQQSRSPQRIENEVELLGEHLPVGGFTYPPSA
 HPPTLPSPAPLQFLTHDPLHQEVSFVGFVPPFMPRRLTGRSRYRSQQPIPPPPYHPSLLPYVLSMLPVP
 AVGPTFSFELDVEDGEVENYEALLNLAERLGEAKPRGLTKADIEQLPSYRFNPNNHQSEQTL CVVCMCDF
 ESRQLLRVLPCHHEFHAKCVDKWLKANRTPICRADASEVHRDSE

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms:

https://cdn.origene.com/chromatograms/mk8061_g11.zip

Restriction Sites:

Sgfl-Mlul

Cloning Scheme:

ACCN: NM_194329

ORF Size: 1395 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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_194329.3](#)
RefSeq Size: 4431 bp

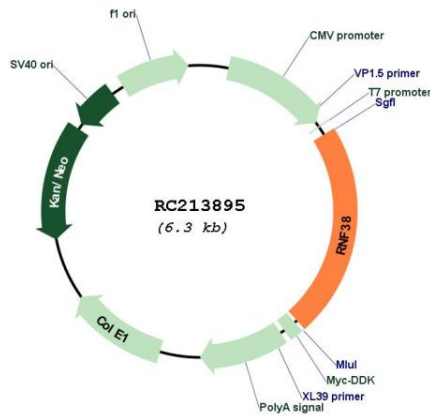
RefSeq ORF: 1398 bp

Locus ID: 152006

UniProt ID: [Q9H0F5](#)

Cytogenetics: 9p13.2
Protein Families: Druggable Genome
MW: 51.9 kDa
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]

Product images:



Circular map for RC213895