

Product datasheet for **RR213449**

Rnf139 (NM_001127545) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rnf139 (NM_001127545) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Rnf139
Synonyms:	TRC8
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

ORF Nucleotide Sequence:

>RR213449 representing NM_001127545
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCCCAGCAGCAGGTCTGGGCGCGCTCGAAGTGGCGTCCGGGTGCCCTGCCTCTACATCATCGACG
 CCATCTTCAACTCCTACTACGATTCCAGCCAAAGCCGGTTCTGCATCGGGCTTCAGATCTTTCTCCGGCT
 CCTCGGTATAGTTGTATCCAGTATTGTTCTGATCTTGTACAGCGATCACTTTTCAAGTTTTACATGTAC
 AGCTCAGCCTTTCTATTAGCTGCAACTTCAGTGTGGTGAAGTACTATGCTGCTTGCACATTGACTTCT
 ACGGTGCCTACAACACGTCAGCATTGGAATTGAGTTGCTTCTCGAAAGGGCCCTCACTGTGGATGGC
 ACTCATCGTTCTGCAGCTAACCTTTGGAATCGGATACGTCACCTACTCCACATTCAGTCTATCTATTCA
 CAGCTGATTATTCTGAATATCTGGTTCCTGTAATCGGCTTAATCACAGAGCTACCATTACACATCAGAG
 AGACGTTAGTTTTCATGTCTTCTTGTATCTCATATTTAACACAATGCTTGTCTTGGCAGTGAAACTTAA
 GTGGTTTTTACTCTACTCGGTATGTTTACTTGTAGTGAGGCATATGTACCGAATTTATGGATTACAG
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 TTACAGCTCAGGCTACAGTGTGATGTACATTTAAGGATGGCGAATGAGACTGAGTCCCTCCTTATTTTC
 TTGGGATGATTTCTGGGACATCATTTGCAATCTAATAATTAGTGGGTGCGATTCTACACTAACTGTACTA
 GGCATGAGTGTGTAATTTCTTCAATAGCCATTACTTGGGCCTTGGAAATTTGGCCTTTATTGGATCAA
 CTGAAGAAGATGACAGGCGGCTTGGCTTTGTAGCACCTGTTTTATTTTTCATTTTGGCTCTTCAGACTGG
 TTTAAGTGGGCTGAGACCTGAAGAGAGACTTATTCGCTTAAGTAGAAACATGTGCCTTTTATTAAGTGA
 GCCTACATTTTCCACGGAATGACAGACCCCGTGTAAATGTCTCTCAGTGCCTCCACGTCATCTT
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 AAAGTAATTGTTTCCCTCACTGTCTACACGCTATTCATGATTGATGGCTACTATAATGCCTCTGGGAAA
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 AGGACAATTCAAATGTATCTAACAACAACGGATTTATTGCACCCAATGAAATCAAACCCAGAGGAAGC
 TTTAAGAGAAGATGCTGCTGGATCTGACCGAGAAATGAACGAGGATGACAGTACAGACTGTGATGATGAT
 ATTCAAAGAGAAAAGAACGGGGGGATTACGACACAGGCGCAGCAGCAGCAGCAGCAGAAATTAATGATG
 ACACTGAT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RR213449 representing NM_001127545
 Red=Cloning site Green=Tags(s)

MAQQQVWAALEVALRVPCLYIIDAI FNSYYDSSQSRFCIGLQIFLRL LGIVVSSIVLILSQRSLFKFYMY
 SSAFLLAATSVLVNYAALHIDFYGAYNTSAFGI ELLPRKGPSLWMLIVLQLTFGIGYVTL LHIQSIYS
 QLIIILNIVPVI GLITELPLHIRETLVFMSSLILIFNTMLVLAVL KWFYYSTRYVLLVRHMYRIYGLQ
 LLMEDTWKRIRFPDILRVFWLTRIT AQTAVL MYILRMANETESFLISWDDFWDIICNLII SGC DSTLTVL
 GMSAVISSIAHYLGLILAFIGSTEEDRRLGFVAPV LFFILALQTGLSGLRPEERLIRLSRNMCLLLTA
 VLHFIHGMDTPVLM SLSASHVSSFHRHFPVLFVSA CLFILPVLLSYVLWHHYALNTWLF AVTAFVCVELCL
 KIVISLTVYTLFMIDGYYNVLWEKLD D YVYFVRSTGNIIEFIFGVVMFGNGAYTMMFESGSKIRACMMCL
 HAYFNIYLQVKNGWKTFMNRRTAVK KINS LPEIKGSHLQEIDDVCAICYHEFTTSARITPCNHYFHALCL
 RKWLYIQDTCPMCHQKVYIEDDIKDNSVSNNGFI APNENQNPEEALREDAAGSDREM NEDDSTDCDDDD
 IQRERNGGIQHTGAAAAAAEFND DTD

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

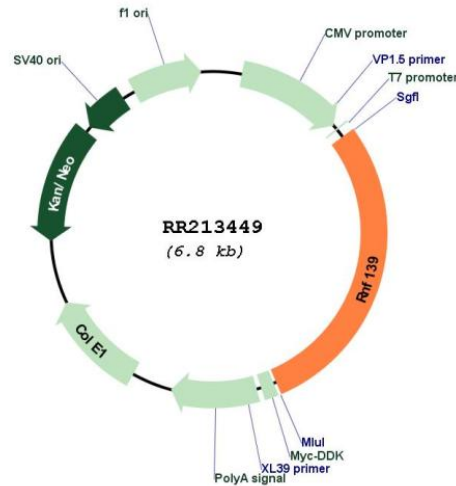
Restriction Sites:

SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001127545

ORF Size: 1968 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_001127545.1](#), [NP_001121017.1](#)

RefSeq Size: 2723 bp
RefSeq ORF: 1971 bp
Locus ID: 315000
Cytogenetics: 7q33
MW: 75 kDa