

Product datasheet for RC203962

RNF167 (NM_015528) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	RNF167 (NM_015528) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	RNF167
Synonyms:	5730408C10Rik; LP2254; RING105
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>RC203962 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGCACCTGCAGCCTTCCCGCTTCTGTGTTGTGGCCGCTGTGCTGTGGGAGCGCCCCGACCCGGG
GGCTCATTGAGCGACCTCGGACCACAATGCCAGCATGGACTTTCAGACCTTCCAGCTCTGTTGGGGC
TACCTTGAGCCAGGAGGGCTCCAGGGTTCCTTGTGGAGGCTCACCCAGACAATGCCTGCAGCCCCATT
GCCCCACCACCCAGCCCGGTCAATGGGTCACTTTATTGCGCTGCTCGAAGATTCGACTGCAACT
TTGACCTCAAGGTCTAAATGCCAGAAGGCTGGATATGGTGCCGCTGTAGTACACAATGTGAATCCAA
TGAACCTCTGAACATGGTGTGGAATAGTGAGGAAATCCAGCAGCAGATCTGGATCCCGTCTGATTTATT
GGGAGAGAAGCTCCGAGTACCTGCGTGCCCTCTTGTCTACGAGAAGGGGGCTCGGGTCTTCTGGTTC
CAGACAATACCTTCCCTTGGGCTATTACCTCATCCCTTTCACAGGGATTGTGGGACTGCTGGTTTTGTC
CATGGGAGCAGTAATGATAGCTCGTTGTATCCAGCACCGAAACGGCTCCAGCGGAATCGACTTACCAA
GAGCAACTGAAACAGATTCTACACATGACTATCAGAAGGAGACCAGTATGATGTCTGTGCCATTTGCC
TGGATGAATATGAGGATGGGACAAGCTGCGGGTACTCCCTGTGCTCATGCCTACCACAGCCGCTGCGT
GGACCCCTGGCTCACTCAGACCCGGAAGACCTGCCCATTTGCAAGCAGCCTGTTTCATCGGGTCTGCGG
GACGAAGACCAAGAGGAAGAACTCAAGGGCAAGAGGGTGTGAAGGGGAGCCAAGGGACCACCCCTG
CCTCAGAAAGGACCCCACTTTTGGGTTCTAGCCCCACTCTTCCACCTCCTTTGGTTCTTAGCCCCAGC
TCCCTTGTTTTTCTGGCCTTCAACAGATCCCCACTGTCCCCTCCCTCTTCCCTGTATCCTGGTC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RC203962 protein sequence
 Red=Cloning site Green=Tags(s)

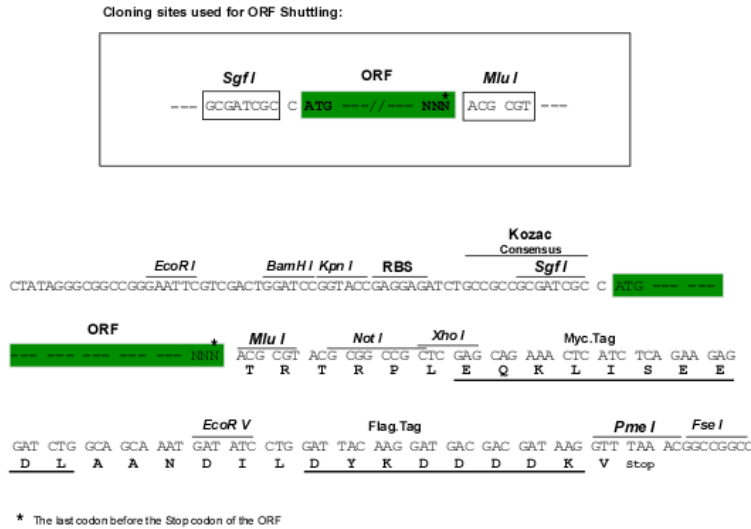
MHPAAFPLPVVVAAVLWGAAPTRGLIRATSDHNASMDFADLPALFGATLSQEGLQGFLVEAHPDNACSPI
 APPPPAPVNGSVFIALLRRFDCNFDLKVNAQKAGYGAAVVHNVNSNELLNMVWNSEEIQQIWIIPSVFI
 GERSSEYLRALFVYEKGARVLLVPDNTFPLGYLLIPFTGIVGLLVLAMGAVMIARCIQHRKRLQRNRLTK
 EQLKQIPTHDYQKGDQYDVCAICLDEYEDGDKLRVLPCAHAYHSRCVDPWLTQTRKTCPICKQPVHRGPG
 DEDQEEETQGQEEGDEGEPRDHPASERTPLLSSPTLPTSFGLAPAPLVFPGPSTDPPLSPPSSPVILV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

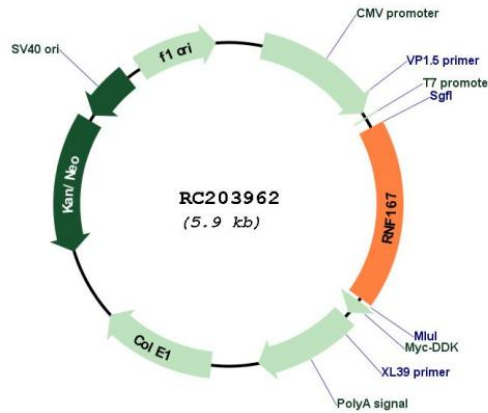
Chromatograms: https://cdn.origene.com/chromatograms/mk6422_c11.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:



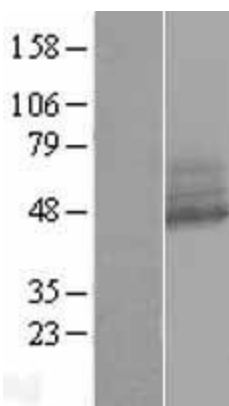
Plasmid Map:



ACCN: NM_015528

ORF Size:	1050 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.
RefSeq:	NM_015528.3
RefSeq Size:	1723 bp
RefSeq ORF:	1053 bp
Locus ID:	26001
UniProt ID:	Q9H6Y7
Domains:	RING, PA
Protein Families:	Druggable Genome, Transmembrane
MW:	38.3 kDa
Gene Summary:	RNF167 is an E3 ubiquitin ligase that interacts with TSSC5 (SLC22A18; MIM 602631) and, together with UBCH6 (UBE2E1; MIM 602916), facilitates TSSC5 polyubiquitylation (Yamada and Gorbsky, 2006 [PubMed 16314844]).[supplied by OMIM, Mar 2008]

Product images:



Western blot validation of overexpression lysate (Cat# [LY414498]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC203962 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).