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Product datasheet for RC239393

RNF98 (TRIM36) (NM_001300759) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	RNF98 (TRIM36) (NM_001300759) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	TRIM36
Synonyms:	ANPH; HAPRIN; RBCC728; RNF98
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin

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ORF Nucleotide Sequence:

>RC239393 representing NM_001300759
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGAGGGCGATGGCTCAGATTCGCCGGTTACCATTAAGAATATCGAAAGGGAGCTCATTTGCCCAGCAT
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ACTCCTGCTGACTCTCGATGATTCATTCAACGATGTGGGATCAGACAACTCCAATCAAAGCAGTCCTCGA
CTTCGGCTCCCCTCCCCTAGTATGGATAAAATTGACCGAATTAACAGACCAGGCTGGAAGCGCAATTCAT
TGACCCCGAGGACAACTGTTTTCCCTTGCCCTGGCTGTGAGCATGATGTGGATCTTGGAGAACGAGGAAT
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TAACCACTATGAGCAGTGCCTACAAAACCTTAAAGGAAAAGCTTTCAAAGGATATTGATTACCTTATTGG
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TGAACGCCAAGTGGACTGTTCACATACACTGTATCCAGCATTTGCATTAATGGGCAGTGGAGGAATTCAG
CTTGAAGAACCCATCACAGCAAAATATCTGGAATACCAAGAGGACATG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC239393 representing NM_001300759
Red=Cloning site Green=Tags(s)

MEGDGSDSPVTIKNIERELICPACKELFTHPLILPCQHSICHKCVKELLLTLDDSFNDVGSDNSNQSSPR
LRLPSPSMDKIDRINRPGWKRNSLTPRTTVFPCPGCEHDVDLGERGINGLFRNFTLETIVERYRQAARAA
TAIMCDLCKPPPQESTKSCMDCSASYCNECFKIHHPWGTIKAQHEYVGPTTNFRPKILMCPEHETERINM
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CFVQTAKQLHLRIQKATESLKSFRPAAQTSFEDYVVNTSKQTELLGELSFFSSGIDVPEINEEQSKVYNN
ALINWHHPEKDKADSYVLEYRKINRDDEMSWNEIEVCGTSKIIQDLENSSTYAFRVRAYKGSICSPCSRE
LILHTPPAPVFSFLFDEKCGYNNEHLLLNLKRDRVESRAGFNLLLAAERIQVGYYTSLDYIIGDTGITKG
KHFWAFRVEPYSYLVKVGVASSDKLQEWLRSPRDAVSPRYEQDSGHDSGSEDACFDSSQPFTLVTIGMQK
FFIPKSPTSSNEPENRVLPMPTSIGIFLDCDKGKVDFYDMDQMKCLYERQVDCSHTLYPAFALMGSGGIQ
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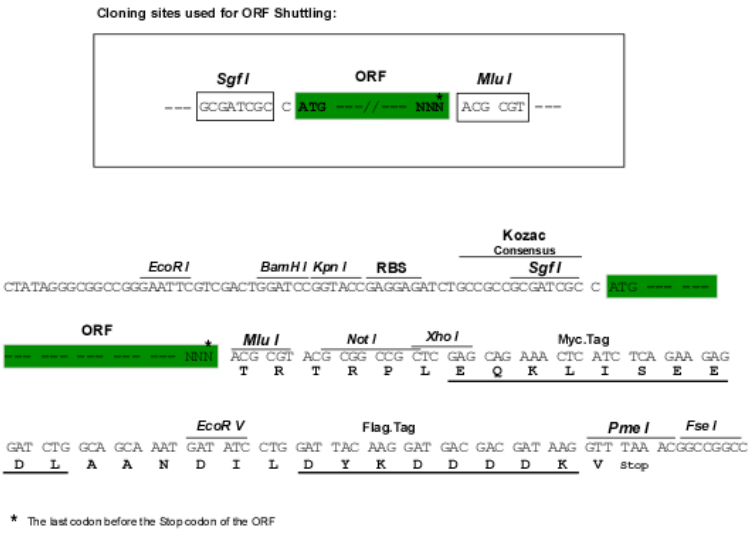
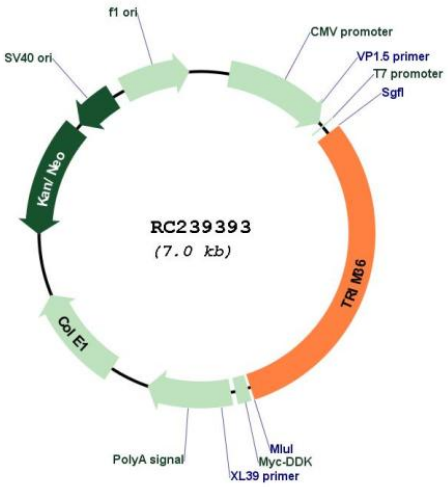
Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN:	NM_001300759
ORF Size:	2148 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_001300759.2
RefSeq Size:	4240 bp
RefSeq ORF:	2151 bp

Locus ID:	55521
UniProt ID:	Q9NQ86
Cytogenetics:	5q22.3
Protein Families:	Druggable Genome
MW:	82 kDa
Gene Summary:	The protein encoded by this gene is a member of the tripartite motif (TRIM) family. The TRIM motif includes three zinc-binding domains, a RING, a B-box type 1 and a B-box type 2, and a coiled-coil region. Multiple alternatively spliced transcript variants that encode different protein isoforms have been described for this gene. [provided by RefSeq, Jul 2008]