

Product datasheet for **RC223069**

RNF90 (TRIM7) (NM_203296) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	RNF90 (TRIM7) (NM_203296) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	RNF90
Synonyms:	GNIP; RNF90
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>RC223069 representing NM_203296
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCGGTGTGGGACCGCGACCGGCCCGGAACCGCGCCGAGGCTCTAGCGCTGGCGGCAGAGCTGC
 AGGGCAGGGCAGCTGCTCCATCTGCCTAGAGCTCTTTGCTGAGCCGGTGTCCGTGAGTGGCCACAG
 CTTCTGCCGCGCCTGCATAGGGCGCTGCTGGGAGCGCCCGGCGCGGGGTCTGTTGGGGCCACCCCGC
 GCGCCCCCTTCCACTGCCCTGTCCGAGTCCCGGAGCCCGCGCGCCCAAGTCACTGCGGCCCAACC
 GGCAGCTGGCGCAGTGGCCACGCTCCTGCGGCGCTTACGCTGCCCGGGTGCCTCCGGGAGAGCAGG
 GTCTCAGGCGCCCGGGCCGGGACGGCTGCCCGTGCGGGACAGTGGCGAACCTTCAAGCTCTAC
 TGCCAGGACGACGACGCGCCATCTGCGTGGTGTGCGACCGCCCGGAGCACCAGCAGCAGCGGTGC
 TGCCGCTGGACGAGGCGGTGCAGGAGGCCAAGGAGCTCTGGAGTCCAGGCTGAGGGTCTTGAAGAAGGA
 ACTGGAGGACTGTGAGGTGTTCCGCTCCACGAAAAGAAGGAGAGCAAGGAGCTGCTGAAACAGATGGCA
 CGGGAGCAGGAGAAGGTGGGGCAGAGTCCAGGCACTGAGGGCTTTCTGGTGGAGCAGGAGGGTCCGGC
 TGCTAGGCCCGCTGGAGAACTGTCCCGGAGGTGGCACAGAAGCAGAATGAGAACCTGGCCAGCTCGG
 GTTGAGATCACCCAGCTGTCCAAGCTCAGCAGCCAGATCCAGGAGACAGCTCAAAGCCTGACCTTGAC
 TTTCTCCAGGAATTCAAAAGCAGCTGAGCAGGTGTAGCAATGTGCCTGGCCCCAAGCCAACCACAGTCT
 CTTCTGAGATGAAGAATAAAGTCTGGAATGTTTCTCTCAAGACCTTTGTCTTAAAGGGATGCTGAAGAA
 GTTCAAAGAGGACCTTCGGGAGAGCTGGAGAAAGAGGAGAAAGTGGAGCTCACCTTGGATCCCGACAG
 GCCAACCCGCGCCTCATCCTCTCTCTGGATCTTAAGGGCGTGCCTCGGCGAGCGGGCCAGGACCTGC
 CCAACCCCTGCCGCTTCGACACCAACACCCGCTCTGGCGTCTGCGCTCTCCTCGGGCTTCTCCTCGGGCA
 TCACTGGGAGGTGGAGGTGGGCTCTAAGGACGGCTGGGCCTTTGGCGTGGCCCGGAGAGCGTGCGCCGA
 AAGGGCTGACGCCCTTCACTCCCGAGGAGGGCTCTGGGCCCTGCAGCTCAACGCGGCCAGTACTGGG
 CCGTGACCAGCCCGAGCGGTGCGCCCTCAGCTGCGGGCACCTGTGCGCGTGGGGTGGCCCTGGACCT
 GGAGGTGGGAGCCGTGCTCTACGCTGTGGAGGACATGCGCCACCTCTACACCTTCCGCGTCAACTTC
 CAGGAGCGGTGTTCCCGCTTTCTCTGTTGCTCCACGGGCACCTACTTGCATCTGGCT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC223069 representing NM_203296
 Red=Cloning site Green=Tags(s)

MAAVGPRTGPGTGAELALAAELQGEATCSICLELFREPVSVECGHSFCRACIGRCWERPGAGSVGAATR
 APPFPLPCPQCREPARPSQLRPNRQLAAVATLLRRFSLPAAAPGEHGSQAAAAAAAARCGQHGEFPKLY
 CQDDGRAICVVCDRAREHREHAVLPLDEAVQEAKELLESRLRVLKKELEDCEVFRSTEKESKELLKQMA
 AEQEKVGAEFQALRAFLVEQEGRLLRLEEL SREVAQKQENLAQLGVEITQLSKLSSQIQETAQKPDLD
 FLQEFKSTLSRCSNVPKPTTVSSEMKNKVVNLSLKTFLVKGMLKFKEDLRGELEKEEKVELTDPDT
 ANPRLILSLDLKGVRLGERAQDLPNHPCRFDTNTRVLASCGFSSGRHHWEVEVSGKDGWAFGVARESVR
 KGLTPFTPEEGVWALQLNGGQYAVTSPERSPLSCGHL SRVRVALDLEVGAVSFYAVEDMRHLYTFRVNF
 QERVFPLFSVCSTGTYLRIWP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cloning Scheme:


ACCN: NM_203296

ORF Size: 1536 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_203296.1](#), [NP_976041.1](#)

RefSeq Size: 2869 bp

RefSeq ORF: 912 bp

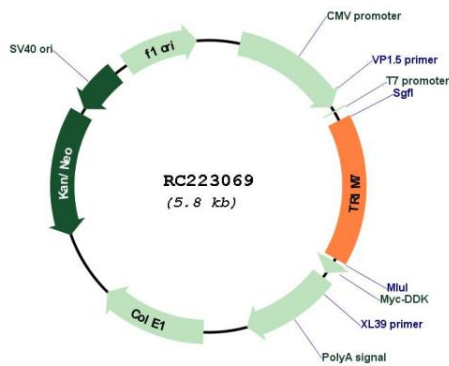
Locus ID: 81786

UniProt ID: [Q9C029](#)

Cytogenetics: 5q35.3

Protein Families:	Druggable Genome
MW:	56.6 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, a B-box type 2, and a coiled-coil region. The protein localizes to both the nucleus and the cytoplasm, and may represent a participant in the initiation of glycogen synthesis. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2013]

Product images:



Circular map for RC223069