

Product datasheet for **SC111449**

RNF90 (TRIM7) (NM_033342) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	RNF90 (TRIM7) (NM_033342) Human Untagged Clone
Tag:	Tag Free
Symbol:	RNF90
Synonyms:	GNIP; RNF90
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL6</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_033342, the custom clone sequence may differ by one or more nucleotides

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ATGGCGGCTGTGGGACCGCGACCGGCCCGGAACCGGCGCCGAGGCTCTAGCGCTGGCGGCAGAGCTGC
AGGGCGAGGCGACGTGCTCCATCTGCCTAGAGCTCTTTCGTGAGCCGGTGTCCGTGAGTGCGGCCACAG
CTTCTGCCGCGCCTGCATAGGGCGCTGCTGGGAGCGCCCGGGCGCGGGGTCTGTTGGGGCCGCCACCCGC
GCGCCCCCTTCCACTGCCCTGTCCGAGTGCCGCGAGCCCGCGCGCCCAAGTCACTGCGGCCCAACC
GGCAGCTGGCGGCAGTGGCCACGCTCCTGCGGCGCTTACGCTGCCGCGGCTGCCCGGGAGAGCACGG
GTCTCAGGCGGCCGCGCCCGGGCAGCGGCTGCCCGTGCAGGCGAGCATGGCGAACCTTCAAGCTCTAC
TGCCAGGACGACGACGCCATCTGCGTGGTGTGCGACCGCGCCCGCGAGCACCAGCAGCACGCCGTGC
TGCCGCTGGACGAGGCGGTGCAGGAGGCCAAGGAGCTCTTGGAGTCCAGGCTGAGGGTCTTGAAGAAGGA
ACTGGAGGACTGTGAGGTGTTCCGGTCCACGAAAAGAAGGAGAGCAAGGAGCTGCTGGTGGAGCCAGGCA
CCCGCAGGCCCCCGTGGGACATTACAGAGGCCTGA
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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_033342 unedited ATATACCCCGCCCGTTGNCGCAAAGGGCGGTAGGCGTGTACGGTGGGAGGTCTATATAAG CAGAGCTCATTTAGGTGACACTATAGAATACAAGCTACTTGTCTTTTTGCAGCGGCCGC GAATTCGGCACGAGGGCTCCGCGTCCTGTGAGGTCCAGTGGCCGCCAGGCGCGACCAGA TCTGGGTGCGCGGAGAGCGCGCATGGCGGCTGTGGGACCGCGGACCGGCCCGGAACCG CGCCGAGGCTCTAGCGCTGGCGGCAGAGCTGCAGGGCGAGGCGACGTGCTCCATCTGCCT AGAGCTCTTTTCGTGAGCCGGTGTCCGTCGAGTGCGGCCACAGCTTCTGCCGCGCCTGCAT AGGGCGTGTCTGGGAGCGCCCGGGCGCGGGTCTGTTGGGGCCGCCACCGCGCGCCCC CTTCCCACTGCCCTGTCCGCAGTGCCGCGAGCCCGCGCGCCCCAGTCAGTGCGGCCCAA CCGGCAGTGGCGGGTGGCCACGCNTCTGCGGCGTTTACGCTGCCCGCGGCCGCC GGGAGAGCACGGGTCTCAGGCGGCCCGCGCCGGGCGAGCGGCTGNCCGCTGCGGGCAGCA TGGCGAACCTTCAGCTCTACTGCNCAGACGACGGACGCGCCATCTGCGTGGTGTGCGAC CGCGCCCGCAAGCACCGGAGCACGCCCTGCTGCCGCTGGANAAAGCGGTGCAGGAAGCC AAGGAGCTCTTGAATCCAGCCTGAAGTTCCTTAAAAAGAACTGNAGGACTGTGAGGTG TCCGGTCCCCGAAAANAAGGAAGCAGGAACTGCTGAAACAATGGACCGAACAGGAAAG GTGGGGGCAAAATTCAGGCCTTGAGGCTTCTGTTGGACAGGAGTTCGTTTCTAAGCCC CCTGAAAACCTTCCCGGGAGGTGCAAA
Restriction Sites:	NotI-NotI
ACCN:	NM_033342
Insert Size:	2400 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
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:	<ol style="list-style-type: none"> 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_033342.2 , NP_203128.1
RefSeq Size:	1114 bp
RefSeq ORF:	666 bp
Locus ID:	81786
UniProt ID:	Q9C029
Cytogenetics:	5q35.3
Domains:	zf-B_box, RING
Protein Families:	Druggable Genome

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]

Transcript Variant: This variant (6) differs in the 3' UTR and the 3' coding region, resulting in an early stop codon, compared to variant 1. It encodes isoform 4, which has a shorter and distinct C-terminus, compared to isoform 1.