

## Product datasheet for **SC124362**

### RNF21 (TRIM34) (NM\_021616) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	RNF21 (TRIM34) (NM_021616) Human Untagged Clone
Tag:	Tag Free
Symbol:	TRIM34
Synonyms:	IFP1; RNF21
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Cell Selection:	None
Fully Sequenced ORF:	>NCBI ORF sequence for NM_021616, the custom clone sequence may differ by one or more nucleotides

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ATGGCTTCAAAAATCTTGCTTAACGTACAAGAGGAGGTGACCTGTCCCATCTGCCTGGAGCTGTTGACAG
AACCCCTTGAGTCTAGACTGTGGCCACAGCCTCTGCCGAGCCTGCATCACTGTGAGCAACAAGGAGGCAGT
GACCAGCATGGGAGGAAAAAGCAGCTGTCTGTGTGGTATCAGTTACTCATTGAACTCTACAGGCT
AATCAGCATCTGGCCAACATAGTGGAGAGACTCAAGGAGGTCAAGTTGAGCCAGACAATGGGAAGAAGA
GAGATCTCTGTGATCATCATGGAGAGAACTCCTACTCTTCTGTAAGGAGGATAGGAAAGTCATTTGCTG
GCTTTGTGAGCGGTCTCAGGAGCACCGTGGTACCACACAGTCCCTCACGGAGGAAGTATTC AAGGAATGT
CAGGAGAAACTCCAGGCAGTCCCTCAAGAGGCTGAAGAAGGAAGAGGAGGAAGCTGAGAAGCTGGAAGCTG
ACATCAGAGAAGAGAAAACCTTCCTGGAAGTATCAGGTACAAACTGAGAGACAAAGGATACAAACAGAATT
TGATCAGCTTAGAAGCATCCTAAATAATGAGGAGCAGAGAGAGCTGCAAAGATTGGAAGAAGAAGAAAAG
AAGACGCTGGATAAGTTTGCAGAGGCTGAGGATGAGCTAGTTCAGCAGAAGCAGTTGGTGAGAGAGCTCA
TCTCAGATGTGGAGTGTCCGAGTCAGTGGTCAACAATGGAGCTGCTGCAGGACATGAGTGGAAATCATGAA
ATGGAGTGAGATCTGGAGGCTGAAAAAGCCAAAAATGGTTTCCAAGAACTGAAGACTGTATTCCATGCT
CCAGATCTGAGTAGGATGCTGCAAAATGTTTAGAGAAGTACAGCTGTCGGGTGCTACTGGGTGGATGTCA
CACTGAATTCAGTCAACCTAAATTTGAATCTTGTCTTTTCAGAAGATCAGAGACAAGTGATATCTGTGCC
AATTTGGCCTTTTCAGTGTATAAATATGGTGTCTTGGGATCCCAATATTTCTCCTCTGGGAAACATTAC
TGGGAAGTGGACGTGTCCAAGAAAACCTGCCTGGATCCTGGGGGTACTGTAGAACATATCCC GCCATA
TGAAGTATGTTGTTAGAAGATGTGCAAATCGTCAAATCTTTACACCAAATACAGACCTCTATTTGGCTA
CTGGGTTATAGGTTACAGAATAAATGTAAGTATGGTGTCTTTGAAGAGTCTTTGCTCTGATCCCGAG
GTTTTGACTCTCCATGGCTGTGCTCCCTGCCGTGTTGGGTTTTCTCGACTATGAAGCAGGCATTG
TCTCATTTTTCAATGTCACAAGCCATGGCTCCCTCATTTACAAGTTCTCTAAATGTTGCTTTTCTCAGCC
TGTTTATCCATATTTCAATCCTTGAAGTGTCCAGCTCCCATGACTCTATGCCCAAGCTCTTGA
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Restriction Sites: NotI-NotI



<b>ACCN:</b>	NM_021616
<b>Insert Size:</b>	2500 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_021616.4</a></u> , <u><a href="#">NP_067629.2</a></u>
<b>RefSeq Size:</b>	2302 bp
<b>RefSeq ORF:</b>	1467 bp
<b>Locus ID:</b>	53840
<b>UniProt ID:</b>	<u><a href="#">Q9BYJ4</a></u>
<b>Cytogenetics:</b>	11p15.4
<b>Domains:</b>	zf-B_box, RING, SPRY
<b>Protein Families:</b>	Druggable Genome
<b>Gene Summary:</b>	<p>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, B-box type 1 and B-box type 2 domain, and a coiled-coil region. Expression of this gene is up-regulated by interferon. This gene is mapped to chromosome 11p15, where it resides within a TRIM gene cluster. Alternative splicing results in multiple transcript variants. A read-through transcript from the upstream TRIM6 gene has also been observed, which results in a fusion product from these neighboring family members. [provided by RefSeq, Oct 2010]</p> <p>Transcript Variant: This variant (1, also known as alpha) represents the longest transcript and encodes the longer isoform (1, also known as the middle form). Both variants 1 and 4 encode the same isoform.</p>