

## Product datasheet for **SC308390**

### **TRIAD3 (RNF216) (NM\_207116) Human Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	TRIAD3 (RNF216) (NM_207116) Human Untagged Clone
Tag:	Tag Free
Symbol:	TRIAD3
Synonyms:	CAHH; TRIAD3; U711; UBCE7IP1; ZIN
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

**Fully Sequenced ORF:** >SC308390 representing NM\_207116.  
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

```

GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGGATCGCC
ATGGAAGAGGGAAACAACAAATGAAGAGGTAATTCACCTTGAACAACTTTCCTGCCATCGGGGACAAGAG
TGGATCAATCTCCGAGATGGGCCATCACCATATCTGACTCCTCAGATGAGGAAAGGATTCCAATGCTG
GTCACCCAGCTCCTCAGCAGCATGAAGAAGAGGACCTGGATGATGATGTCATCCTGACAGAAGATGAT
TCTGAGGATGACTACGGTGAATTTCTGGATCTTGGGCCTCCTGGAATCTCTGAATTCCTAAGCCAAGT
GGCCAAACAGAAAGAGAACCCAAGCCTGGACCGAGTCATAACCAAGCAGCAAATGACATTGTCAACCCC
AGATCAGAGCAGAAAGTCATCATCTTGGAGAAGGTAGCCTTCTTTACACAGAAAGCGATCCTTTGGAA
ACTCAGAACCAAGTCATCCGAAGACTCAGAGACAGAGCTGTTATCAAATCTAGGAGAGTCAGCTGCTCTA
GCAGATGATCAGGCCATCGAAGAAGACTGCTGGTTAGATCATCCTTACTTCCAGTCTCTGAACCAACAG
CCCCGTGAAATAACAAACCAGGTCGTTCTCAGGAACGGCAGCCTGAAGCAGAAGTGGGCCGCTTGTG
TTTCAGCATGAATCCCAGGGCCCGCTTTTCCAAGGCCGAACCCAGCAAGGTGGGATTTCAAGCCCC
TCTTCTCCTCAGCTGCCATCCTCTAGGAGAGTTTGAAGACCAGCAGTTAGCAAGTGATGATGAAGAG
CCAGGTCCAGCCTTTCCAATGCAAGAATCTCAAGAGCCCAATTTGGAAAACATTTGGGGGCAAGAAGCT
GCAGAGGTAGATCAAGAGCTCGTTGAACTACTAGTGAAAGAAACGGAAAGCAAGATTTCCAGATGTAGCA
AATGGGTTTATTGAGGAAATAATTCATTTTAAGAATTATATGATCTGAATGTACTTTGTAATTTCTT
CTGGAAAACCCAGATTATCCAAAGAGAGAAGACAGAATCATTATAAATCCCAGTAGCAGTCTGCTGGCC
AGCCAAGATGAGACAAAGTTGCCTAAAAAGACTTTTTGACTATTCTAAATTGACCCCTCTTGACCAG
CGCTGCTTCATCCAAGCTGCTGACCTCCTCATGGCCGACTTCAAAGTGCTCAGTAGTCAGGACATCAAG
TGGGCCCTGCACGAGCTCAAAGGACACTATGCAATCACCAGAAAGGCCTTGTCTGATGCCATAAAAAA
TGGCAGGAGCTGTACCAGAAACCAGTGGAAGAAAGGAAGAGAGAAAACAATGAACCAAGTATTCTTAC
ATTGATTTCAAGTTTGAACAAGGTGACATAAAAAATAGAAAAGAGGATGTTCTTTCTTGAATAAGCGA
CGACATTTAGGTCTATGACCGACGTGCTCCTTCCAGCTGTGCAACAAGAGCAGGAGTTCTATGAG
CAGAAAATCAAAGAGATGGCAGAGCATGAAGACTTTTTGCTTGCCTACAGATGAATGAAGAACAGTAT
CAAAGGATGGCCAGCTGATTGAGTGTGCTGCTGCTATGGGGAATTTCCATTGAGGAGCTGACGCAG
TGCGCAGATGCTCACTTGTCTGCAAAGAGTGTCTCATCAGATATGCCCAAGAGGCAGTCTTTGGATCT
GGAAGTTGGAGCTCAGCTGCATGGAAGGCAGTGCACGTGTTCCGTTCCCAACCAGTGAGCTGGAGAAG
GTGCTCCCCAGACCATCCTGTATAAGTACTATGAGCGAAAAGCCGAGGAGGAGTTGCGGCAGCCTAC
GCCGACGAGCTTGTGAGTGCCTGCTGTAGCTTTCCGGCTCTGTTGGACAGTGATGTGAAGAGGTTT
AGCTGTCTAATCCTCACTGCCGAAAGGAAACCTGTAGGAAGTGTGAGGACTCTGGAAAGAACATAAT
GGCCTCACCTGTGAAGAGCTGGCTGAAAAAGACGACATCAAGTACCGTACCTCTATTGAAGAAAAATG
ACTGCTGCCCGCATTAGAAAATGCCACAAGTGTGGGACTGGCCTCATCAAATCTGAAGGCTGCAACCCG
ATGCTTTGCCGCTGTGGTGGCCAGATGTGCTACCTCTGTGAGTTCATTAATGGATATGACCATTTT
TGCCAACATCCCCGCTCACCAGGAGCCCTTGGCAGGAGTGTCAAGATGCTCTCTCTGGACCGATCCC
ACTGAAGATGATGAGAAGCTTATTGAGGAAATCCAGAAGGAGGCTGAAGAGGAACAGAAAAGAAAGAA
GGAGAGAACACCTTCAAACGCATTTGACCCCGCTGGAGAAGCCTGTGGAGAAGGTGCAGAGGGTGGAG
GCCCTCCCGAGGCCGTTCCGCAGAACCTGCCACAGCCACAGATGCCACCTATGCTTCCGCGCACCCA
CCCTTCCCGCTGCTCCCGTGGCCGCTGTGTTCAACAACCTTCCCACTCAACATGGGGCTATCCCAGCC
CCGTACGTGCCCTCTGCCAACGTGCGGGTCAACTATGACTTCGGTCCCATCCACATGCCCTGGAG
CACAACCTGCCATGCACTTTGGCCCCAGCCGCGGCATCGTTCTGA
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
  
```

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_207116  
**Insert Size:** 2601 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>OTI Annotation:</b>	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
<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>	<a href="#">NM_207116.2</a>
<b>RefSeq Size:</b>	5696 bp
<b>RefSeq ORF:</b>	2601 bp
<b>Locus ID:</b>	54476
<b>UniProt ID:</b>	<a href="#">Q9NWF9</a>
<b>Cytogenetics:</b>	7p22.1
<b>MW:</b>	99.4 kDa
<b>Gene Summary:</b>	<p>This gene encodes a cytoplasmic protein which specifically colocalizes and interacts with the serine/threonine protein kinase, receptor-interacting protein (RIP). Zinc finger domains of the encoded protein are required for its interaction with RIP and for inhibition of TNF- and IL1-induced NF-kappa B activation pathways. The encoded protein may also function as an E3 ubiquitin-protein ligase which accepts ubiquitin from E2 ubiquitin-conjugating enzymes and transfers it to substrates. Several alternatively spliced transcript variants have been described for this locus but the full-length natures of only some are known. [provided by RefSeq, Jul 2008]</p> <p>Transcript Variant: This variant (2, also known as TRIAD3A) uses an alternate in-frame splice site in the 5' coding region, compared to variant 1. It encodes isoform b which is shorter than isoform a. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>