

Product datasheet for **SC105845**

TRIAD3 (RNF216) (BC004947) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TRIAD3 (RNF216) (BC004947) Human Untagged Clone
Tag:	Tag Free
Symbol:	TRIAD3
Synonyms:	CAHH; TRIAD3; U711; UBCE7IP1; ZIN
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for BC004947 edited
GAATTCGGCAGGAGGGCCGGAAGGAGTGCAGCGGCTGCCACGGAGCTCGCAGCTGCGGCT
TCTGAGGAGTAAGCGGCGCGGTAGCGAAGGCCGCGAACCTGCCTGGCTAGCCGGCGACT
TGAGTGACGACTCTTTTGAACAGATGGTCACCATGTTTATAGATATTAGCAGTCCCATATA
TGCATGCTGCATTTGAAATGGAAGAGGGAAACAACAATGAAGAGGTAATTCACCTTGAA
CAACTTTCAGTGCATCGGGACAAGAGTGGATCAATCTCCGAGATGGGCCCATCACCAT
ATCTGACTCCTCAGATGAGGAAAGGATTCCAATGCTGGTCACCCAGCTCCTCAGCAGCA
TGAAGAAGAGGACCTGGATGATGATGTCATCCTGACAGAAGATGATTCTGAGGATGACTA
CGGTGAATTTCTGGATCTTGGGCTCCTGGAATCTCTGAATTCATAAGCCAAGTGGCCA
AACAGAAAGAGAACCAAGCCTGGACCGAGTCATAACCAAGCAGCAAATGACATTGTCAA
CCCCAGATCAGAGCAGAAAGTCATCATCTTGAAGAAGGTAGCCTTCTTTACACAGAAAG
CGATCCTTTGGAAACTCAGAACCAGTCATCCGAAGACTCAGAGACAGAGCTGTTATCAAA
TCTAGGAGAGTCACTGCTCTAGCAGATGATCAGGCCATCGAAGAAGACTGCTGGTTAGA
TCATCCTTACTTCCAGTCTCTGAACCAACAGCCCCGTGAAATAACAAACCAGGTGCTTCC
TCAGGAACGGCAGCCTGAAGCAGAACTGGGCCGCTTGTGTTTCAGCATGAATCCCAGG
GCCCGCTTTTCCAAGGCCGGAACCCAGCAAGGTGGGATTTTCAGGCCCTCTTCTCCTCA
GCCTGCCATCCTCTAGGAGAGTTTGAAGACCAGCAGTTAGCAAGTATGATGAAGAGCC
AGTCCAGCCTTTCCAATGCAAGAATCTCAAGAGCCCAATTTGGAAAACATTTGGGGCA
AGAAGCTGCAGAGGTAGATCAAGAGCTCGTTGAACTACTAGTGAAGAAACGGAAGCAAG
ATTTCCAGATGTAGCAAATGGGTTTATTGAGGAAATAATTCATTTTAAAGAATTATTATGA
TCTGAATGTACTTTGTAATTTTCTTCTGAAAACCCAGATTATCCAAAGAGAGAAGACAG
AATCATTATAAATCCCAGTAGCAGTCTGCTGGCCAGCCAAGATGAGACAAAGTTGCCTAA
AATAGACTTTTTGACTATTCTAAATTGACCCCTCTTGACCAGCGCTGCTTCATCCAAGC
TGCTGACCTCCTCATGGCCGACTTCAAAGTGCTCAGTAGTCAGGACATCAAGTGGGCCCT
GCACGAGCTCAAAGGACACTATGCAATCACCCGAAAGGCCTTGTCTGATGCCATTAATA
ATGGCAGGAGCTGTACCAGAAACCAGTGAAAAAGGAAGAAGAGAAAAACAATGAACCA
GTATTCTTACATTGATTTCAAGTTTGAACAAGGTGACATAAAAAATAGAAAAGAGGATGTT



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CTTTCTTGAAAATAAGCGACGACATTGTAGGTCCTATGACCGACGTGCTCTCCTCCAGC
 TGTGCAACAAGAGCAGGAGTTCTATGAGCAGAAAATCAAAGAGATGGCAGAGCATGAAGA
 CTTTTTGCTTGCCCTACAGATGAATGAAGAACAGTATCAAAGGATGGCCAGCTGATTGA
 GTGTGCGTGTGCTATGGGGAATTTCCATTGAGGAGCTGACGCAGTGCCGAGATGCTCA
 CTTGTTCTGCAAAGAGTGTCTATCAGATATGCCAAAGAGGCAGTCTTTGGATCTGGAAA
 GTTGGAGCTCAGCTGCATGGAAGGCAGCTGCACGTGTTGTTCCCAACCAGTGAGCTGGA
 GAAGGTGCTCCCCAGACCATCCTGTATAAGTACTATGAGCGAAAAGCCGAGGAGGAGGT
 TGCGGCAGCCTACGCCGACGAGCTTGTACAGGTGCCCGTCTGTAGCTTTCCGGCTCTGTT
 GGACAGTGATGTGAAGAGGTTGAGCTGTCTAATCCTCACTGCCGAAAAGGAAACCTGTAG
 GAAGTGTGAGGGACTCTGGAAAGAACAATGGCCTCACCTGTGAAGAGCTGGCTGAAAA
 AGACGACATCAAGTACCGTACCTCTATTGAAGAAAAATGACTGCTGCCCGCATTAGAAA
 ATGCCACAAGTGTGGGACTGGCCTCATCAAATCTGAAGGCTGCAACCGCATGTCTTGCCG
 CTGTGGTGCCAGATGTCTACCTGTGCGAGTTTCTATTAATGGATATGACCATTTCTG
 CCAACATCCCCGCTCACCAGGAGCCCTTGCCAGGAGTGTCAAGATGCTCTCTCTGGAC
 CGATCCCCTGAAGATGATGAGAAGCTTATTGAGGAAATCCAGAAGGAGGCTGAAGAGGA
 ACAGAAAAGAAAATGGAGAGAACACCTTCAAACGCATTGGACCCCGCTGGAGAAAGCC
 TGTGGAGAAGGTGCAGAGGGTGGAGGCCCTCCCGAGGCCGTTCCGCAGAACCTGCCACA
 GCCACAGATGCCACCCTATGCCTTCGCGCACCCACCCTTCCCCCTGCCTCCCGTGCGGCC
 TGTGTTCAACAACCTCCCACTCAACATGGGGCCTATCCAGCCCCGTACGTGCCCCCTCT
 GCCCAACGTGCGGGTCAACTATGACTTCGGTCCCATCCACATGCCCTGGAGCACAACCT
 GCCCATGCACTTTGGCCCCAGCCGCGGCATCGTTCTGATGGCCCCGAATCCCCATTGA
 GCAGCACAAAGCCGTTTGGGGTAGGAGTGTGGATGGAGAACCCTCCCCAAGGCTGGTG
 TCTGTACCATTGCATCCTAAGTCAGCTTGAAGGGTAGGCTGTTTTCTTCCACCCTTT
 CCTAGAAGGGCTACTGCTCCTGGAAGAGTGGACGGATCCATAAATAAGACGTCCAAATG
 GTGGAAAAAATAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAATCGAC

5' Read Nucleotide Sequence:

>OriGene 5' read for BC004947 unedited
 GGGTTCAAATTTGATACGACTCATATAGGCGGCCGNAATTCGCACGAGGCCGGAAGG
 AGTGCAGCGGCTGCCACGGAGCTCGCAGCTGCGGCTTCTGAGGAGTAAGCGGCGCGGTAG
 CGAAGGCCGCGAACCTGCCTGGCTAGCCGGCGACTTGAGTGACGACTCTTTTGAACAG
 ATGGTCCACATGTTTAGATATTAGCAGTCCCATATATGCATGTCTGCATTTGAAAATGGA
 AGAGGGAAAACAATGAAGAGGTAATTCACTTGAACAACCTTCACTGCCATCGGGGACA
 AGAGTGGATCAATCTCCGAGATGGGCCATCACCATATCTGACTCCTCAGATGAGGAAAAG
 GATTCCAATGCTGGTACCCAGCTCCTCAGCAGCATGAAGAAGAGGACCTGGATGATGA
 TGTATCCTGACAGAAGATGATTCTGAGGATGACTACGGTGAATTTCTGGATCTTGGGCC
 TCCTGGAATCTCTGAATCACTAAGCCAAGTGGCCAAACAGAAAGAGAACCCAAGCTGG
 ACCGAGTCATAACCAAGCAGCAAATGACATTGTCAACCCAGATCAGAGCAGAAAGTCAT
 CATCTTGAAGAAGGTAGCCTTTTACACAGAAAGCGATCCTTTGGAAACTCAGAACCA
 GTCATCCGAAGACTCAGAGACAGAGCTGTATCAAATCTANGAGAGTCAGCTGCTTAGC
 ATATGATCAGGCCATCGAAGAAGACTGCTGGTTAGATCATCCTTACTTNCAGTCTCTGAA
 CCACAGCCCCGTGAAATAACAACAGTCGTTTCTCAGAACCAGNCTGAAGCAGACTGG
 GCCGCTTNGTGTTAGCATGAATCCAGGCCCGCTTTCCAAGGCCGNACCCAGCCAGTT
 GGATTTACGCCCTCTTCTCACCTA

Restriction Sites:

NotI-NotI

ACCN:

BC004947

Insert Size:

3300 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:	BC004947.1
RefSeq Size:	1439 bp
RefSeq ORF:	1439 bp
Locus ID:	54476
Cytogenetics:	7p22.1
Gene Summary:	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]