

Product datasheet for **RG209430**

TRIAD3 (RNF216) (NM_207116) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TRIAD3 (RNF216) (NM_207116) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	TRIAD3
Synonyms:	CAHH; TRIAD3; U711; UBCE7IP1; ZIN
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence:

>RG209430 representing NM_207116
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAAGAGGGAAACAACAATGAAGAGGTAATTCCTTGAACAACCTTCACTGCCATCGGGGACAAGAGT
 GGATCAATCTCCGAGATGGGCCCATCACCATATCTGACTCCTCAGATGAGGAAAGGATCCAATGCTGGT
 CACCCAGCTCCTCAGCAGCATGAAGAAGAGGACCTGGATGATGATGTCATCCTGACAGAAGATGATTCT
 GAGGATGACTACGGTGAATTTCTGGATCTTGGCCTCCTGGAATCTCTGAATTCCTAAGCCAAGTGGCC
 AAACAGAAAGAGAACCAAGCCTGGACCGAGTCATAACCAAGCAGCAAATGACATTGTCAACCCAGATC
 AGAGCAGAAAGTCATCATCTTGGAGAAGGTAGCCTTCTTACACAGAAAGCGATCCTTTGGAAACTCAG
 AACCGATCATCGAAGACTCAGAGACAGAGCTGTTATCAAATCTAGGAGAGTCAGCTGCTCTAGCAGATG
 ATCAGGCCATCGAAGAAGACTGCTGGTTAGATCATCTTACTTCCAGTCTCTGAACCAACAGCCCGTGA
 AATAACAAACCAGGTCGTTCCCTCAGGAACGGCAGCCTGAAGCAGAACTGGGCCGCTTGTGTTTCAGCAT
 GAATTCACAGGGCCCGCTTTTCCAAGGCCGAACCCAGCAAGGTGGGATTTAGGCCCTCTTCTCCTC
 AGCCTGCCATCCTCTAGGAGAGTTTGAAGACCAGCAGTTAGCAAGTGATGATGAAGAGCCAGGTCCAGC
 CTTTCCAATGCAAGAATCTCAAGAGCCCAATTTGGAAAACATTTGGGGGCAAGAAGCTGCAGAGGTAGAT
 CAAGAGCTCGTTGAACTACTAGTGAAAGAAACGGAAGCAAGATTTCCAGATGTAGCAAATGGGTTTATTG
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 AAGTTGCCTAAAATAGACTTTTTTGACTATTCTAAATTGACCCCTTTGACCAGCGCTGCTTCATCCAAG
 CTGGTACCTCCTCATGGCCGACTTCAAAGTGCTCAGTAGTCAGGACATCAAGTGGGCCCTGCACCGATC
 CAAAGGACACTATGCAATCACCCGAAAGGCCTTGTCTGATGCCATTAATAAATGGCAGGAGCTGTACCA
 GAAACCGTGGAAAAAGGAAGAAGAGAAAAACAATGAACCAAGTATTCTTACATTGATTTCAAGTTTGAAC
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 CCGACGTGCTCTCCTCCAGCTGTGCAACAAGAGCAGGAGTTCTATGAGCAGAAAATCAAAGAGATGGCA
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 AGTGTCTGCTGCTATGGGGAATTTCCATTGAGGAGCTGACGAGTGCAGATGCTCACTTGTCTG
 CAAAGAGTGTCTCATCAGATATGCCAAGAGGCAGTCTTTGGATCTGAAAAGTTGGAGCTCAGCTGCATG
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 CCAGAAGGAGGCTGAAGAGGAACAGAAAAGAAAGAAATGGAGAGAACACCTTCAAACGCATTTGACCCCG
 CTGGAGAAGCCTGTGGAGAAGGTGACAGGGTGGAGGCCCTCCCGAGGCCGTTCCGCAGAACCTGCCAC
 AGCCACAGATGCCACCCTATGCCTTCGCGCACCCACCCTTCCCCCTGCCTCCCGTGCAGGCTGTGTTCAA
 CAACTTCCCACTCAACATGGGGCCTATCCAGCCCGTACGTGCCCTCTGCCAACGTGCGGGTCAAC
 TATGACTTCGGTCCCATCCACATGCCCTGGAGCACAACTGCCATGCACTTTGGCCCCAGCCGCGGC
 ATCGCTTC

ACGGTACGGGCCGCTCGAG - GFP Tag - **GTTTAA**

Protein Sequence: >RG209430 representing NM_207116
 Red=Cloning site Green=Tags(s)

MEEGNNNEEVIHLNNFHCHRQEWINLRDGPITISDSSDEERIPMLVTPAPQQHEEEDLDDDVILTEDDS
 EDDYGEFLDLGPPGISEFTKPSGQTEREPKPGPSHNQAANDIVNPRSEQKVIILEEGSLLYTESDPLETQ
 NQSSSEDETELLSNLGEAALADDQAIIEEDCWL DHPYFQSLNQQPREITNQVVPQERQPEAELGRLLFQH
 EFPGPAFPRPEPQQGGISGPSSQPAHPLGEFEDQQLASDDEEPGPAFPMQESQEPNLENIWGQEAEEVD
 QELVELLVKETEARFPDVANGFIEEIIHFKNYYDLNVLNCFLENDPYPKREDRIIINPSSLLASQDET
 KLPKIDFFDYSKLTPLDQRCFIQAADLLMADFVLSQDIKWALHELKGYAITRKALSDAIKKWQELSP
 ETSGKRKRKQMNQYSYIDFKFEQGDIKIEKRMFFLENKRRHCRSYDRRALLPAVQQEQEFYEQKIKEMA
 EHEDFLALQMNEEQYQKDGQLIECRCCYGEFPFEELTQCADAHLFCKECLIRYAQEA VFGSGKLELSCM
 EGSCTCSFPTSELEKVL PQTILKY YERKAE EEEVAAAYADELVRCPSCSFPALLDSV KRFSCPNPHCRK
 ETRCRKQGLWKEHNL TCEELAEKDDIKYRTSIEEKMTAARIRKCHKCGTGLIKSEGCMRMSRCGAQMC
 YLCRVSYNGYDHFQHPRSPGAPCQECRCSLWTDPTEDDEKLEIEIQKEAEEEQKRKNGENTFKRIGPP
 LEKPVQVQVEALPRVPQNL P Q P M P P Y A F A H P P F L P P V R P V F N N F L N M G P I P A P Y V P P L P N V R V N
 YDFGPIHMPLEHNLPMHFGPQRHRF

TRTRPLE - GFP Tag - V

Restriction Sites:

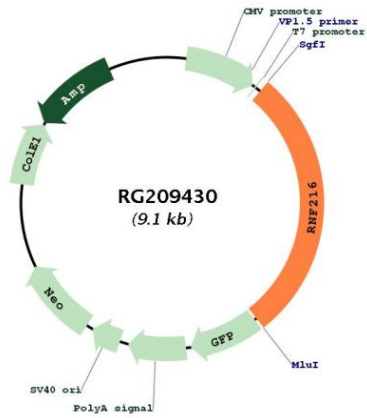
SgfI-MluI

Cloning Scheme:



ACCN:	NM_207116
ORF Size:	2598 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:	<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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	NM_207116.3
RefSeq Size:	5622 bp
RefSeq ORF:	2601 bp
Locus ID:	54476
UniProt ID:	Q9NWF9
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]

Product images:



Circular map for RG209430