

## Product datasheet for **SC122420**

### TRIM47 (BC017299) Human Untagged Clone

#### Product data:

|                           |                                                                                |
|---------------------------|--------------------------------------------------------------------------------|
| Product Type:             | Expression Plasmids                                                            |
| Product Name:             | TRIM47 (BC017299) Human Untagged Clone                                         |
| Tag:                      | Tag Free                                                                       |
| Symbol:                   | TRIM47                                                                         |
| Synonyms:                 | gene overexpressed in astrocytoma; GOA; RNF100; tripartite motif-containing 47 |
| Mammalian Cell Selection: | None                                                                           |
| Vector:                   | <u>pCMV6-XL5</u>                                                               |
| E. coli Selection:        | Ampicillin (100 ug/mL)                                                         |



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**Fully Sequenced ORF:** >OriGene sequence for BC017299 edited  
 CTCGAGCGCTACTGCCGCGCGGAGCGCGTGTGTCTGTGCGAGGCCTGCGCCGCACAGGAG  
 CACCGCGGCCACGAGCTGGTGCCGCTGGAGCAGGAGCGCGCTTCAGGAGGTGGGCTCC  
 GGGGGCACACTCGGGCTGAGCAGTCCAAAGTCCTGAGCGCCGTGGAGGACCGCATGGACG  
 AGCTGGGTGCTGGCATTGCACAGTCCAGGCGCACAGTGGCCCTCATCAAGAGTGCAGCCG  
 TAGCAGAGCGGGAGAGGGTGAGCCGGCTGTTTGCAGATGCTGCGGCCGCCCTGCAGGGCT  
 TCCAGACCCAGGTGCTGGGCTTCATCGAGGAGGGGAAGCTGCCATGCTAGGCCGCTCCC  
 AGGGTGACCTGCGGCGACAGGAGGAACAGCGCAGCCGCTGAGCCGAGCCGCCAGAATC  
 TCAGCCAGGTCCCTGAAGCTGACTCAGTCAGCTTCTGCGAGGAGTGTGGCACTAAGGC  
 TGGCCCTGGAGGATGGGTGTGGCCCTGGGCTGGACCCCGAGGGAGCTCAGCTTACCA  
 AATCATCCCAAGCTGTCCGTGACGTGAGAGACATGCTGGCCGTGGCTGCGTCAACCAGT  
 GGGAGCAGCTGAGGGGGCCGGTGGCAACGAGGATGGGCCACAGAAGCTGGACTCGGAAG  
 CTGATGCTGAGCCCCAAGACCTCGAGAGTACGAACCTCTGGAGAGTGAAGCTCCAGGG  
 ACTATTTCTCAAGTTTGCCTATATTGTGGATTTGGACAGCGACACAGCAGACAAGTTCC  
 TGCAGCTGTTTGAACCAAAGGTGTCAAGAGGGTGTGTGCTCTATCAACTACCCCTTGT  
 CGCCACCCGCTTCACCCATTGTGAGCAGGTGCTGGGCGAGGGTGCCCTGGACCGAGGCA  
 CCTACTACTGGGAGGTGGAGATTATCGAGGGCTGGGTGAGCATGGGGGTGATGGCCGAAG  
 ACTTCTCCCCACAAGAGCCCTACGACCGCGCGGCTGGGCCGCAACGCCCACTCCTGCT  
 GCCTGACGTGGAATGGACGCAGCTTCTCCGTCTGGTTTCATGGGTGGAGGCTCCCTGC  
 CCCACCCCTTCTCGCCACGCTTGGGGTCTGCCTGGAATACGCTGACCGTGCCTTGGCCT  
 TCTATGCTGTACGGGACGGCAAGATGAGCCTCTGCGGAGGCTGAAGGCTCCCGGCCCC  
 GCCGGGTGGCATCCCGGCTCCCCATTGACCCCTTCCAGAGCCGCTGGACAGTCACT  
 TTGCGGGGCTCTTACCCACAGACTCAAGCCTGCCTTCTTCTGGAGAGTGTGGACGCC  
 ACTTGACAGATCGGGCCCCCTCAAGAAGTCTGCATATCCGTGCTGAAGAGGAGGTGATGCC  
 GGGCACGGGCGCTCCTGCTGCCGTCTCTGCTCCAGGAAGTGCCTCCTTGGGCCCTCTC  
 CTTCTGCTGGGAAGGCACACAGCATGAGTCCACACACCCAGCCTTCTCATTTCTAGAGGC  
 TTCCACCTTTTTATACACTCAGCCTTCCCTCTCCAGGCAGGAGGACCCAGACCTGT  
 TCCCTGCAGACCTCACTTCTGGGAGACAGAGCTACAGCTGGGACAGCTCCAAGTACCC  
 TAACCCCTCCTTTCCAGGTTTCTAGAATAGTGTCTGGCATGTAGTAGATGCTCAATAAA  
 CACTTGTGAATGAAAAAAAAAAAAAAAAAAAA

**5' Read Nucleotide Sequence:** >OriGene 5' read for BC017299 unedited  
 NNNNCATGTCAAATATTGTAATACGACTCATATAGGGCGGCCGGAATTCGCACGAGGCT  
 CGAGCGCTACTGCCGCGCGGAGCGCGTGTGTCTGTGCGAGGCCTGCGCCGCACAGGAGCA  
 CCGCGGCCACGAGCTGGTGCCGCTGGAGCAGGAGCGCGCTTCAGGAGGTGGGCTCCGG  
 GGGCACACTCGGGCTGAGCAGTCCAAAGTCCTGAGCGCCGTGGAGGACCGCATGGACGAG  
 CTGGGTGCTGGCATTGCACAGTCCAGGCGCACAGTGGCCCTCATCAAGAGTGCAGCCGTA  
 GCAGAGCGGAGAGGGTGAGCCGCTGTTTGCAGATGCTGCGGCCGCCCTGCAGGGCTTC  
 CAGACCCAGGTGCTGGGCTTCATCGAGGAGGGGAAGCTGCCATGCTAGGCCGCTCCAG  
 GGTGACCTGCGGCGACAGGAGGAACAGCGCAGCCGCTGAGCCGAGCCCGCCAGAATCTC  
 AGCCAGGTCCCTGAAGCTGACTCAGTCAGCTTCTGCGAGGAGTGTGGCACTAAGGCTG  
 GCCCTGGAGGATGGGTGTGGCCCTGGGCTGGACCCCGAGGGAGCTCAGCTTACCAAA  
 TCATCCCAAGCTGTCCGTGACGTGAGAGACATGCTGGCCGTGGCCTGCGTCAACCAGTGG  
 GAGCAGCTGAGGGGGCCGGTGGCAACGAGGATGGGCCACAGAAGCTGGACTCGGAAGCT  
 GATGCTGAGCCCCAAGACCTCGAGAGTACGAACCTCTTGGAGAGTGAAGCTCCAGGACT  
 ATTTCTCAGTTTGCCTATATTGTGGATTTGGACAGCGACACAGCAGACAAGTTCTGCA  
 GCTGTTAGGACCAAGTGTCAAGAGGGTGTGTGCTCTATCAACTACCCCTGTGCGNCCA  
 CC

**Restriction Sites:** Please inquire  
**ACCN:** BC017299

|                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Insert Size:</b>           | 1721 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="#">BC017299.2</a></u> , <u><a href="#">AAH17299.1</a></u>                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>RefSeq Size:</b>           | 1712 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Locus ID:</b>              | 91107                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Cytogenetics:</b>          | 17q25.1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Protein Families:</b>      | Druggable Genome                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Gene Summary:</b>          | E3 ubiquitin-protein ligase that mediates the ubiquitination and proteasomal degradation of CYLD.[UniProtKB/Swiss-Prot Function]                                                                                                                                                                                                                                                                                                                                                                                        |