

## Product datasheet for SC315722

### CT47A3 (NM\_001080144) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	CT47A3 (NM_001080144) Human Untagged Clone
Tag:	Tag Free
Symbol:	CT47A3
Synonyms:	CT47.3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC315722 representing NM_001080144. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGAATTCGTCGACTG  
 GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC  
 ATGTCTGCCACAGGGGACCGACACCCGACCAAGGGGACCAGGAGGCCCGGTAAAGCCAGGAGGGAGCA  
 CAGGCCGAGGCGCGGAGCTGGTAACAGGAGGGCGGCGACTCCGGCCCCGACAGCAGCGACGTGGTG  
 CCTGCGGCCGAGGTGGTCGGAGTCGCAGGGCCCGTGAAGGCCTCGGGGAGGAGGAGGTGAGCAGGCG  
 GCAGGCCCTGGCCGAGTCCCCCGGGCGGGAGCGCCGAGGAGGACTCAGATATCGGGCCCGCAGCGGAG  
 GAAGAGGAGGAGGAAGAGGGGAACGAGGCGGCCAACTTCGACTTGGCGGTGGTCGCCGTCGCTACCCG  
 GCGTCGGGCACTCACTTCGTGCTCCTGGACATGGTCCACTCCCTTCTCCACCGCCTCTCTACAACGAC  
 CACATCCTCATAGAGAACCGTCAACTCAGCCGCCTGATGGTGGGGCCACACGCTGCTGCGCGCAACCTC  
 TGGGGCAACCTCCCCCGCTGCTGCTGCCCCAGAGGCTGGGTGCAGGGGCCGAGCCCGGGCGGGGAG  
 GGCTGGGCCTGATCCAGGAGGCCGCATCGGTCCAGAGCCTGCAGTGCCAGCTGACCTGGCCGAGATG  
 GCCAGGGAGCCCCGCGGAGGAGGCCGAGAGGAGAAGCTCTCAGAGGAGGCCACAGAGGAACCAGACGCA  
 GAGGAACCGGCCACAGAAGAACCAGCCGACAGGAGGCCACGGCCCCAGAGGAAGTCACTAAATCTCAG  
 CCCGAAAAGTGGGATGAAGAGGCCCAAGATGCTGCAGGCGAGGAAGAGAAAGAACAAGAAAAGAGAA  
 GATGCGGAAAACAAGGTGAAGAACTCAAAGGGACCTAG  
 ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGAT  
 TACAAGGATGACGACGATAAGGTTTAAACGGCCGCGC

Restriction Sites:	SgfI-MluI
ACCN:	NM_001080144
Insert Size:	867 bp


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<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>	<u>NM_001080144.1</u>
<b>RefSeq Size:</b>	1294 bp
<b>RefSeq ORF:</b>	867 bp
<b>Locus ID:</b>	728082
<b>UniProt ID:</b>	<u>Q5JQC4</u>
<b>Cytogenetics:</b>	Xq24
<b>MW:</b>	30.1 kDa
<b>Gene Summary:</b>	This locus represents a member of the cancer/testis gene family 47. This family, also known as CT47, is comprised of 13 nearly identical loci clustered at Xq24. [provided by RefSeq, Sep 2010]