

Product datasheet for SC315723

CT47A6 (NM_001080141) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CT47A6 (NM_001080141) Human Untagged Clone
Tag:	Tag Free
Symbol:	CT47A6
Synonyms:	CT47.6
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC315723 representing NM_001080141. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGAATTCGTCGACTG
 GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
 ATGTCTGCCACAGGGGACCGACACCCGACCAAGGGGACCAGGAGGCCCGGTAAAGCCAGGAGGGAGCA
 CAGGCCGAGGCGCGGAGCTGGTAACAGGAGGGCGCGACTCCGGCCCCGACAGCAGCGACGTGGTG
 CCTGCGGCCGAGGTGGTCGGAGTCGCAGGGCCCGTGAAGGCCTCGGGGAGGAGGAGGTGAGCAGGCG
 GCAGGCCCTGGCCGAGTCCCCCGGGGCGGAGCGCCGAGGAGGACTCAGATATCGGGCCCGCAGCGGAG
 GAAGAGGAGGAGGAAGAGGGGAACGAGGCGGCCAACTTCGACTTGCGGTGGTCGCCCCGCTACCCG
 GCGTCGGGCACTCACTTCGTGCTCCTGGACATGGTCCACTCCCTTCTCCACCGCCTCTCTACAACGAC
 CACATCCTCATAGAGAACCGTCAACTCAGCCGCCTGATGGTGGGGCCACACGCTGCTGCGCGCAACCTC
 TGGGGCAACCTCCCCCGCTGCTGCTGCCCCAGAGGCTGGGTGCAGGGGCGCAGCCCGGGCGGGGAG
 GGCTGGGCCTGATCCAGGAGGCCGCATCGGTCCAGAGCCTGCAGTGCCAGCTGACCTGGCCGAGATG
 GCCAGGGAGCCCCGCGAGGAGGCCGAGAGGAGAAGCTCTCAGAGGAGGCCACAGAGGAACCAGACGCA
 GAGGAACCAGCCACAGAAGAACCAGCCACAGGAGGCCACGGCCCCAGAGGAAGTCACTAAATCTCAG
 CCCGAAAAGTGGGATGAAGAGGCCCAAGATGCTGCAGGCGAGGAAGAGAAAGAACAAGAAAAGAGAA
 GATGCAGAAAACAAGGTGAAGAACTCAAAGGGACCTAG
 ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGAT
 TACAAGGATGACGACGATAAGGTTTAAACGGCCGCGC

Restriction Sites:	SgfI-MluI
ACCN:	NM_001080141
Insert Size:	867 bp


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OTI Disclaimer:	<p>Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.</p> <p>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</p>
OTI Annotation:	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.
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:	NM_001080141.1
RefSeq Size:	1294 bp
RefSeq ORF:	867 bp
Locus ID:	728062
UniProt ID:	Q5JQC4
Cytogenetics:	Xq24
MW:	30.1 kDa
Gene Summary:	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]