

Product datasheet for SC315721

CT47A4 (NM_001080143) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CT47A4 (NM_001080143) Human Untagged Clone
Tag:	Tag Free
Symbol:	CT47A4
Synonyms:	CT47.4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC315721 representing NM_001080143. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTG
 GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
 ATGTCTGCCACAGGGGACCGACACCCGACCCAAGGGGACCAAGGAGGCCCGGTAAAGCCAGGAGGGAGCA
 CAGGCCGAGGCGCGGAGCTGGTAACAGGAGGGCGGCGACTCCGGCCCCGACAGCAGCGACGTGGTG
 CCTGCGGCCGAGGTGGTCGGAGTCGCAGGGCCCGTGAAGGCCTCGGGGAGGAGGAGGTGAGCAGGCG
 GCAGGCCCTGGCCGAGTCCCCCGGGGCGGAGCGCCGAGGAGGACTCAGATATCGGGCCCGCAGCGGAG
 GAAGAGGAGGAGGAAGAGGGGAACGAGGCGGCCAACTTCGACTTGCGGTGGTCGCCCCGCTCGCTACCCG
 GCGTCGGGCATTCACTTCGTGCTCCTGGACATGGTCCACTCCCTTCTCCACCGCCTCTCTACAACGAC
 CACATCCTCATAGAGAACCGTCAACTCAGCCGCCTGATGGTGGGGCCACACGCTGCTGCGCGCAACCTC
 TGGGGCAACCTCCCCCGCTGCTGCTGCCCCAGAGGCTGGGTGCAGGGGCGCAGCCCGGGCGGGGAG
 GGCTGGGCCTGATCCAGGAGGCCGCATCGGTCCAGAGCCTGCAGTGCCAGCTGACCTGGCCGAGATG
 GCCAGGGAGCCCCGCGGAGGAGGCCGAGAGGAGAAGCTCTCAGAGGAGGCCACAGAGGAACCAGACGCA
 GAGGAACCGGCCACAGAAGAACCAGCCGACAGGAGGCCACGGCCCCAGAGGAAGTCACTAAATCTCAG
 CCCGAAAAGTGGGATGAAGAGGCCCAAGATGCTGCAGGCGAGGAAGAGAAAGAACAAGAAAAGAGAA
 GATGCGGAAAACAAGGTGAAGAACTCAAAGGGACCTAG
 ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGAT
 TACAAGGATGACGACGATAAGGTTTAAACGGCCGCGC

Restriction Sites:	SgfI-MluI
ACCN:	NM_001080143
Insert Size:	867 bp


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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).
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:	<u>NM_001080143.1</u>
RefSeq Size:	1294 bp
RefSeq ORF:	867 bp
Locus ID:	728075
UniProt ID:	<u>Q5JQC4</u>
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]