

Product datasheet for **RG219281**

CT47A8 (NM_001080139) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CT47A8 (NM_001080139) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	CT47A8
Synonyms:	CT47.8
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG219281 representing NM_001080139 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTCTGCCACAGGGGACCGACACCCGACCCAAGGGGACCAGGAGGCCCGGTAAGCCAGGAGGGAGCAC
AGGCCGAGGGCGCCGAGCTGGTAACCAGGAGGGCGCGACTCCGGCCCCGACAGCAGCGACGTGGTGCC
TGCGGCCGAGGTGGTCGGAGTCGCAGGGCCCGTGAAGGCCTCGGGGAGGAGGGTGAGCAGGCGGCA
GGCCTGGCCGAGTCCCCGGGGCGGGAGCGCCGAGGAGGACTCAGATATCGGGCCCGCAGCGAGGAAG
AGGAGGAGGAAGAGGGGAACGAGGCGGCCAACTTCGACTTGGCGGTGGTCGCCCGTCTACCCGGCGTC
GGCATTCACTTCGTGCTCCTGGACATGGTCCACTCCCTTCTCCACCGCCTCTCTACAACGACCACATC
CTCATAGAGAACCGTCAACTCAGCCGCTGATGGTGGGGCCACACGCTGCTGCGCGCAACCTCTGGGGCA
ACCTCCCCCGCTGCTGCTGCCCCAGAGGCTGGGTGCAGGGGCCGAGCCCGGGCGGGCAGGGCCCTGGG
CCTGATCCAGGAGGCCGATCGGTCCCAGAGCCTGCAGTGCCAGCTGACCTGGCCGAGATGGCCAGGGAG
CCC GGGAGGAGGCCGACAGGAGAAGCTCTCAGAGGAGGCCACAGAGGAACCAGACGCAGAGGAACCGG
CCACAGAAGAACCAGCCGACAGGAGGCCACGGCCCCAGAGGAAGTCACTAAATCTCAGCCCCAAAAGTG
GGATGAAGAGGCCCAAGATGCTGCAGGCCGAGGAAGAGAAAACAAGAAAAAGAGAAGGATGCGGAAAAC
AAGGTGAAGAACTCCAAGGGACC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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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.
RefSeq:	NM_001080139.1 , NP_001073608.1
RefSeq Size:	1294 bp
RefSeq ORF:	867 bp
Locus ID:	728049
UniProt ID:	Q5JQC4
Cytogenetics:	Xq24
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]