

Product datasheet for RG219281

CT47A8 (NM_001080139) Human Tagged ORF Clone

Product data:

OriGene Technologies, Inc.

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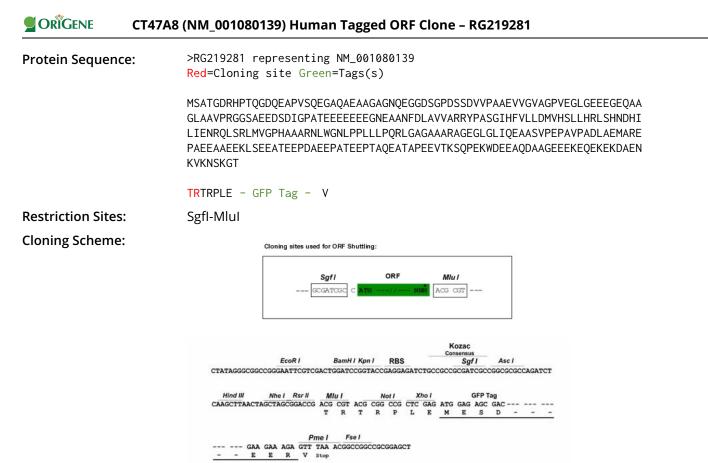
| Product Type: | Expression Plasmids |
|------------------------------|---|
| Product Name: | CT47A8 (NM_001080139) Human Tagged ORF Clone |
| Tag: | TurboGFP |
| Symbol: | CT47A8 |
| Synonyms: | CT47.8 |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-AC-GFP (PS100010) |
| E. coli Selection: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

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



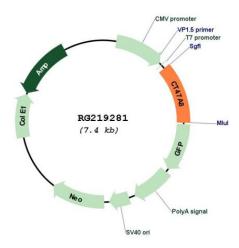
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Plasmid Map:



ACCN: ORF Size: NM_001080139 864 bp

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| ORIGENE CT47/ | A8 (NM_001080139) Human Tagged ORF Clone – RG219281 |
|-----------------------|--|
| 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. <u>More info</u> |
| 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 | Centrifuge at 5,000xg for 5min. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. Close the tube and incubate for 10 minutes at room temperature. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 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 001080139.1, NP 001073608.1</u> |
| RefSeq Size: | 1294 bp |
| RefSeq ORF: | 867 bp |
| Locus ID: | 728049 |
| UniProt ID: | <u>Q5JQC4</u> |
| 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] |

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