

## Product datasheet for **RN212065**

### Usp47 (NM\_001107542) Rat Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Usp47 (NM\_001107542) Rat Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Usp47  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >RN212065 representing NM\_001107542  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGTGCCCGCGGAGGAGAACCAACTGGTCCCGAAGGAGATAGAAAATGCTGCTGAAGAACCTAGAGTCT  
TATGTATAATACAGGACACTACTAACTCAAAGACAGTGAATGAACGGATCACAGTGAATTTACCAGCATC  
TACCCAGTCAGAAAGCTTTTGAAGATGTGGCCAACAAAGTAGGCTACATAAACCGAACCTTTGATTTG  
ACATGGGGAAATGGAATCAATACTGCTGATTTGGCACCCTGGATCACACCAGTGACAAGTCTCTTCTTG  
ATGCTAATTTTGAGCCAGGAAAGAAGAACTTTCTGCATTTGACAGATAAAGATGGAGAACAGCCTCAGAT  
GCTATTGGATGACTCCAGTCACGTGGACGACAGCGTGCATGACAGGTTTATAGGTCCTTCCAAGAGAA  
GGGTCTGTGGCTTCTACCAGTGATTATGTCAGCCAGAGCTACTCCTATTCATCAATTTGAACAAGTCAG  
AAACTGGTTATGTGGATTAGTAAACCAGGCGATGACGTGCTATTTGAATAGCCTTTTGAACAACCTTTT  
TATGACTCCTGAATTTAGGAATGCCTTATATAAGTGGGAGTTTGAAGAGTCTGAAGAAGATCCTGTAACG  
AGCATCCCATACCAGCTTCCAGAGCTTTTGTCTGTTACAAACCAGCAAAAAGAGAGCAATTGAGACCA  
CAGATGTCACAAGGAGCTTTGGATGGGATAGCAGTGAGGCTTGGCAACAGCATGATGTACAAGAAGTGTG  
CCGTGTTATGTTGATGCTTTGGAACAGAAATGGAAGCAACAGAACAGGCTGATCTTATAAATGAGCTG  
TACCAAGGCAAACTGAAAGACTATGTGAGGTGCTGGAATGCGGTTATGAAGGCTGGAGAATTGACACGT  
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GCATGCATTTATCAACCAGAGATCTTGGATGGCCAAATCAATACTTCTGTGAACGTTGTAAGAAGAAG  
TGCGATGCTCGTAAGGGCCTTCGGTTTTGCACTTTCCCTATCTGCTGACTTTACAGTTGAAAAGGTTTG  
ATTTTGATTATAACAACCATGCATAGAATTAACCTGAATGATCGAATGTCATTTCCAGAGGAGCTGGAT  
GAGCACATTTATTGATATTGAAGATGAGAAATCTCCTCAGACTGAAAGTTGCACTGATAGTGGAGCGGAA  
AATGAAGCAGTTGCCACAGCAGCAGATGAGCAATGATTTCTCCAGGATGATGCTGTTGATGAAGGGA  
TATGCCTGGAGAGCAGTACTGGGAGTGAGAAGATTTCAAACCTGGCCTGGAAAAGAAGCTCCTGATGTA  
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AGACACACGGTGGTCTTCAGGAAGCAGAGGCTACTACTCCAGTGCTTTTGAAGCTCAACAAATGCATA  
TATGCTGATACAGACTGAAGGATCCAACAAGAAATGCAAAATTTCTGGAAGTGGATGAGTACCCAGAA



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CACATTAAGAACCTGGTGCAGAAGGAGAGAGAATTGGAAGAACAGGAAAAGAGGCAACGAGAAATTGAAC  
 GAAACACATGCAAGATAAAATTATTCTGTTTACATCCTGTGAAACAAGTAATGATGGAAAACAAGTTGGA  
 GGTTTCATAAAGGACAAGACATTAAGGAAGCAGTAGAAATGGCTTATAAGATGATGGATTTAGAAGACGTG  
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 GAGAAGAAGATACGCCAATGGGGCTGCTTCTAGGAGGAGTCAAGTCAACGTACATGTTTGATCTGCTGTT  
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 GTCGATCTGAAGGCAGAGACTGTCGCTGCTCTAACAGTGCCTGCTTATTTAAATCAGACAGTTTTGG  
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 CACTGCAGCAGCAGCAGGATGGGACAACGGAGACAGCAGAAAAGCACTGAGACAAGTACTTTGAGAA  
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 CAAGTTCCGTAGACAGCGATATTCTTAGCTCTAGTCACAGCAGCGACACTTTGTGCAATGCAGACAGCGC  
 TCAGATTCCTTTGGCCAATGGACTCGATTCTCACAGTATCACAAGTAGTAGAAGAACTAAGGCAAACGAA  
 GGGAAAAGGAGACATGGGACACAGCTGAAGAAGACTCTGGGACTGACAGTGAATATGATGAGAGTGGCA  
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 CCTTTTGTGGAGTCTCTCTCACTTCAAGTTTTTCAGTGTACACCAGCAATCAAGAGTTTGAGA  
 CCGTCCGGTTGAATGAGACCCCTTTCATCATTTTCAGATGACAATAAGATCACAATCCGACTGGGGAGAGC  
 ACTGAAGAAGGGAGAGTACAGAGTTAAAGTGTGCCAGCTCTTAGTCAATGAGCAAGAGCCATGCAAGTTT  
 CTGCTAGACGCCGATTTTGTAAAGGCATGACTGTGCGGCAATCGAAAGAGGAGCTGATTCTCAACTCA  
 GGGAGCAGTGTGGCTTAGACCTCAGCATCGACAGGTTTCGTCTAAGGAAGAAAACATGGAAGAATCCTGG  
 CACTGTTTTTTGGATTATCATATTTATGAAGAAGATATTAATTTTCTAGCAACTGGGAAGTTTTCTCTG  
 GAAGTTCTTGATGGTGTGGAGAAGATGAAGTCCATGTCACAGCTTGCCATTTTAAACCAGACGGTGGAGGC  
 CTTCCGAGATGAAGTTGGATCCCTTCCAGGAGCTTGTGTTGGAGAGCAATAGTGTGATGAGCTTCGAGA  
 GAAGCTGAGTGAATCAGTGGGATTCTTTGGAAGACATTGAATTTGCCAAGGTAGGGGAACCTTCCCC  
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 GGCTCTTTATATCTGTGATGATGGTGCCTCATATTTATAGGGATAGAACAGAAGAAGTAATGGAATT  
 GACAGATGAGCAAAGGAATGAACTGATGAAAAAGGAAAGCAGCCGACTGCAGAAGACGGGACATCGTGTG  
 ACATACTCCCCTCGCAAAGAGAAAGCACTCAAGATCTACCTGGATGGGGCGCAAATAAAGACGTAGCTC  
 AAGACTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAAGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM\_001107542
- Insert Size:** 4068 bp
- 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).
- 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:**

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\\_001107542.2](#), [NP\\_001101012.2](#)

**RefSeq Size:** 5691 bp

**RefSeq ORF:** 4068 bp

**Locus ID:** 308896

**Cytogenetics:** 1q33