

Product datasheet for RN217613

Uaca (NM_001195564) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Uaca (NM_001195564) Rat Untagged Clone
Tag: Tag Free
Symbol: Uaca
Synonyms: RGD1560011
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN217613 representing NM_001195564
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGC**C

ATGAAGAGCCTCAAGTCCCGGTGTGGAGGCAGGACGCGCCCGGTCCACGTACCCACATCTCCCACCG
 CGGTGACCAGTTCGCTTTCAGCAGAGTGAATAAATACGATGACCGGTGATGAAGGCTGCTGAAAGGGG
 GGATGTGGAGAAAGTATCCTCTATCCTTGCCAAAAGGGCGTCCATCCAGGCAAGCTGGATGTGGAAGGC
 AGATCGGCCTTCCACGTCGTGGCAGCCAAAGGGAATCTGGAGTGTCTGAACGCCATTCTTACTCATGGCA
 TTGATGTTGCAACCAGGGACAGTGCAGGGAGGAATGCGCTTCCACTGGCAGCTAAGTACGGACACGCGTT
 GTGCCTACAGAACTTCTACAGTACAAGTGTCCCACTGAGCATGTGGACCTTCAGGGAAGAACCAGCCCTA
 CACGACGACGCAATGGCGGACTGTCCTTCCAGCATCCAGCTGCTTTGTGACCATGGGGCCTCCGTGAATG
 CCAAAGATATAGACGGGCGGACACCACTTGTCTGGCGACTCAGATGTGCAGGCCGCAATTTGTCAGTT
 GCTGATAGACAGAGGGGCGGATGTCAATTCAGAGACAAAACAAACAGGACAGCCCTCATGCTGGGCTGT
 GAGTACGGTTGCAGAGACGCTGTAGAAGTCTCGTGAGAAATGGGGCCGACTTGACCTTGCTGGATGCC
 TTGGCCATGACAGTTCTTACTACGCGAGAATTGGTGACAATCTGGACATCCTGAACCTGCTGAAGACAGC
 GTCAGAAAGCACCAGCAAAGGTGGCAGGAGAGAACTTTGGAGGAAAGGACCGCCTTTGCAACAGCGGAAT
 TTGTACACACTCAAGATGAAGGAAATGTGAAGTCAAATCAGAGAGAACCACAGCTTTTCAGGATCTAG
 AGATGGAAAATGAAGATTTGAAAGAGAAGTTGAGGAAGATTCAGCAAGAGCAAAGAATACTCCTGGATAA
 AGTCAACGGCTTACAGTTACAGCTGAATGAGGAAGTCAATGTTGCAGATGATCTGGAAAGCGAGAGAGAA
 AAGCTGAAGTCCCTTTTGGCAGCTAAAGAAAAGCAGCAGCAAGAAAGCTTACGAACCATCGAGGCCCTGA
 AAAACAGATTTAAATATTTTGGAGTGTATCCAGGACCCGGAAGTTACTCGAGTAACCGAAAAGAAGA
 CATGCTTCATAAACAAGGTCAAATGTACACGGCAGATTCACAGTGTACATCACCAGGCGTACCCCCCAT
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 AGATTTTAAAGAAAGAGTTGGAAGCTATGCGAACTTTCTGTGACTCGGGCAAACAGGACCGACTGAAGCT
 CCAAAAACGAGTTGGCGCACAAGGTTGCGGAGTGCAAAGCCTTGCTCTGGAGTGCAGAGAGTCAAGGAG
 GACTCAGACGAGCAGATCAAGCAGCTGGAAGATGCCCTCAAAGATGTGCAGAAGAGGATGTATGAGTCGG



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AAGGCAAAGTCAAGCAAATGCAGACCCACTTCCTGGCCCTCAAAGAGCACCTGACCAATGAAGCAGCCAC
 GGGGAGCCACC GCGTCATCGAGGAGCTGAGGGAGCAGCTGAAAGACATGAAAGGGAAATATGAAGGCGCT
 TCAGCAGAAGTGGGCAAGCTGAGGAACCAAATCAAACAGAGCGAGATGCTGGTAGAAGGGTTCAAGAGGG
 ACGAGAGCAGGCTGGTGGAGAGAATAAGAGATTGAGAAGGAATGCAGCACGTGTGAAATAGATCGGGA
 GAGGAGGGGGCGGAGGGTCACGGAGCTGGAGGGCCAGCTCAAAGAGCTGGGGGCTAAGCTGGCCCTTCC
 GTGCCACAGAGACATTTGAAAGCATGAAGAGCTCGTTATCCAATGACATCAGTGAGAAAAGCGAAAAGGC
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 CGTTAGGGCCCAGCACATCAGACCGGAGGAGCATGAGCAGCTCAGGAGCAGGTTGGAGCAGAAAGTCGGGA
 GAGCTGGGGAAGAAAGTGACAGAGCTAACCCCTGAAAAACCAGACACTCCAGAAAAGAGTGGAAAACTCT
 ACGCAGACAACAACTCCTCAACCAGCAGGTGCACAGCCTCACGGTGGAGATGAAAACCTCGTATGTGCC
 TTTGAGGGTCAGCGAGGAGATGAAGAAGGCGCATGATGTGAATGTGGAGGATTTGAATAAGAAGCTTTCC
 GATGCAACACAGAGATACGCAGAGAAGAAGCTAGAAGCAGAGAGACTGCTGGCAGAGAACGATAAGTTGA
 CCAAGAAGCTCAGCCGCTGGAAGCTGTGTTTGTAGCTCCCGAGAAACATGAAAAGGAGCTAATGGGTCT
 GAAATCCAATATCGTGAATAAAAATGCAGCTGTGTGAGCTTAATAAAAAATGTGGTGAGGGTCAGGAG
 AAAATACGTGCGCTTATGTCTGAAAACACCAGCTTAAAAAGACTCTGAGTAGCCAGTACGTGCCTGCCA
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 GAAGAAAAGGCTTGACGACACGAGCCAGGAATTTTCAAACTAAGGGAGGAGAATGAAGTGTGAGGAGG
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 ACATGGCGAACAGAGCCTGAAGGAGGCGCAGGATGCCACACTGCCCTCCTGGCTGACTACCGCCAGGG
 CCAGGAGGAGATCGTCACGCTGCACGCAGAAAATTAAGGCCAGAAAAGGAGCTCGACACCATCCAAGAA
 TGCATCAAGCTAAAATATGCTCCCTCTCCCGAATGGAAGAGTGTGAACCAAGTTCAAGGCTACAGAGA
 AAGCACTGAAGGAGCAGTTATCAGAGCAGACACACAAGGGCCAGGTGAGGGACGAAGAGGTCAAGAAGGG
 CAAGCAAGAGAATGAGAGGCTGAGGAAGGATCTCGCCGCTTCCAGAGGAGCTGAAGGATAGGAATGTT
 CTGGTGGAAAGAGGCCAGGGAGGCAGAAAAGAGCACTGAGCAGGAAGACAGAAAGAACTCGGCAACAGCTGA
 AGGAAGTGTCCAGAAAGTACAGCGATGTGAAGAGCGAGAGAGAGAAGCTGGTGGAAAGAAAAGGCCAAGCA
 GACTTCCGAGATCCTTGACGCCAAAATCTTCTGCAAAAAACAGCCAGTCCCACTGGAGCAGGTGGAGGCT
 CTCAAAACATCTCTCAACGGCACAATCGAGCACCTAAAGGAGGAGCTGAGGAGTAAGGAGAGGTGTCTGG
 AGAGAGAGCAGCAGGCGGTGAGCCAACCTCAGCAGCTGCTGGAGAATCAGAAGAGCTCCTCCGTGACCCT
 GCGGGATCACCTGCAGCTAAAGGAAGCCTTGGAGAAAGAGGTTGGGATCATGAAAGCCAGCCTGAGAGAG
 AAGGAAGAGGAAAAGCCAGAAGAAAACCAAGAAGTCTCAAACCTCAGACCGAGGTCCAGAACCAAGC
 AGGCGCTGAAGAACTTAGAGACCAGAGAGGTCTGTCAGATGTCAAATAACAAGCCACCAAGAATGATTT
 GGAGACCAGATTTCAAACCTAAATGACAACTGGCCAGTCTGAACAGGAAGTACGACCAAGTGTGTGAG
 GAGAAGGTCTCTGCCAAGGACGAGAAGGAGCTGCTGCATCTTAACATCGAGCAGGAGATCAGGGACCAGA
 AGGAGCGGTGTGACAAGTCCCTGACAACCATCATGGAGCTGCAGCAGAGGATACAGGAGTCCGCCAAGCA
 GATCGAAGCAAAGGACAATAAGATAACTGAACTTCTGAATGATGTGAAAGACTAAAGCAGGCGCTCAAT
 GGCTTTCCAGCTCACCTACAGCAGCGGCGGCCCCACCAAGCGGCAGAGCCAGCTAGTGGACACCCTGC
 AGCAGCGAGTGAGGGATCTGCAGCAGCAGCTGGCTGATGCTGACAGACAGCACCAGGAAGTATCGCTAT
 CTACCGGACACACCTCCTCAGTGCCGCACAGGGTCACATGGATGAAGATGTGCAGGCAGCCTTGTGCAG
 ATCATAAGATGCGACAAGGCCTCGTGTCTAG

AGCGGACCGACGCTACGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-RsrII

ACCN:

NM_001195564

Insert Size:

4233 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).

OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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_001195564.1</u> , <u>NP_001182493.1</u>
RefSeq Size:	4422 bp
RefSeq ORF:	4233 bp
Locus ID:	315732
Cytogenetics:	8q24