

Product datasheet for RN217748

Naca (NM_001198580) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Naca (NM_001198580) Rat Untagged Clone
Tag: Tag Free
Symbol: Naca
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN217748 representing NM_001198580
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGCCCGTGAAGCCACAGAAACCGTCCCTGCTACAGAGCAGGAGTTGCCACAGCCTCAGGCTGAGACAG
 CTGTGCTTCTATGTCTTCAGCCTTGAATGTTACTGCTGCTCCAGGGCAGCCTGGATCTCCCTCTCCTTC
 CTCCTGGGCCCCAGCAAAGCCCTCTAGTGACTGCTGCCATCAGTCTTCTCCACTCCCCTCTAGTCTT
 CCTCCACCCCTTTGAAGTTCCTTTTGCCAGCCAGAACTGCTGTGCCTTCAGGAGCTGCCCTCCCG
 CCCCAACTTTCCTGCCACACCTGATAGGGCCTCCTATCTCCCCAGCTGCCTTAGCTTTGGCCTCTCCCGT
 GATAGGTCAGCTCAGAAAGGTGCCGTTCTCCTCTGCTCCCTGTCTCTGGTCGCATTGGCTCCTCAC
 TCTATTAGAAGAGCTCTGTGTGTCCCTCACCTCTCACCTTACCTCCATCAGCTGCTGGAGCAGAGT
 CAGGGGCATTGACATCTCTGACAGCTTCCATCCCTCTCTTAGAATCAAAGGCTTCTACCAGTCAAGTTCC
 CTCTCAGGGAACCCGAATCTGAAAGGTACTACTACCCCGTGTCTCCAGATGTAGTCAGTGCTTTTCT
 TCCCACCTTGAAAACCCCTGGCCTCTGTTGAGCCTGGTTAACATCCTGTCTCAAACACTGTCCATCA
 CTTCCCAGTTAAAGGTGTTCCCATTTCTCAGCTCTGACACAAAGTCTGCTAAGCCTTAACTTAGGGG
 ACCTGTTAGTTACCTCCTCAGAGCACTGTAACCTCCAGCATCCCCCAGCAGCCTCAGCTTCCCTGGGT
 TCTCCTTCCACTTCTACATCACAGTTCTTTGGATTCTCCTGTCCAGCCTCCAGGTCAGTCAGGCTTCA
 CAGTGAACACCACCATTTCTGTAGATCATCCTTTTGTGAGCCTCTTACCCACCTGAGCGATCGGCAGT
 TTCTCCTCTTCTCCAGACATGAGCTGGCTGCTGATTCTGGGGCAGCTCCATCTATTGACAAAGGCTCC
 TCAGCTGTACTAAGGAAACCTGCAGCTCTTCTGGCTCTGCGAATGAAGCTGGTACTTCAATGTCTCCTG
 CAGCCCCTCTCACTCCAAAAGTTCTAATGCTGCTCTGCAGCCCTCGGTGACTCAGGTTCTCCTCCTCA
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 ACCATGTCTGTAGCACCTGCCACTCATGTGCTCTCCTCCAGTTCATCGGGTCTTATAAAAAGTGAAGACC
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 TACTCTAGGGATACCTGTGCTCTCCTCTGCCAGCCACTGAAGGCCTTCAAATCTTCCGATTTCAAGTAAAT
 GCAGGAGCCCCTGTTTCTCCAGCCAGGCAGGGCTTCTATCAGAAAAGATACTACTGTACAAAACCTTGG
 CCCCAGTAGCACTTAAAGAGTCTCCCTCTTCTCAAAGCGCATCTTCTTTGGAGGTGCTTTCAGAAGACAC
 AAAGAAGACTACAGGAGGGCCTGCCCTGTGGTGCAGCCAGCCATTGCTACTGCTGCTCTACTACCCTG



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GACTACCCACCTGCCGGCTATGTGAACCCAAACCTGTCAGTCAGCCTCTCAAAGTTCTGCCCCAGCAA
 TGGCTCCATTTCTTTAGAAAAGTTGTGATTCTAAAGGGCTGGTCCCTAGAACTGCCAAAGATACCTTTCC
 TTCTGTAAATTCACCTCTGGTTCCTTTACCCTCTGAAGGCTGTCTGTGGCTCCATCTATGGCGTTGTCC
 CACCAGAAATGCTTCTGTTTCTGTGACTACTGCCAAGTCTGTACCCTTTCTGTCTCTCCCTCAGCTGGAG
 TTTCTTTTCCAGTGCAAAGAAAGTCGATGTTGTCTCTCAGATGGAGTCTTCAGACTCCTCTCAAGAAGG
 GCACCCAAATGCTTCTGTGTCTTCTCAGACTAACGGCCTGCATCCAAAAAGGGTCTTTTCCCTCAGAT
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 CTTTTCAAGGCCCTAAAGGGCCTCTATTGTTCCACAGAACTCTGTATCCTCCAAAAAGACCCAGC
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 CCTAAACTGGACCCTACTGTATCAGATGTGATTCCAGCAACTGTAGTCCCAGAGATACTTCTGCAAGCC
 TTTCTCTCAAAGTGTCCAGCTGTGACTTCTGTCTTCCAAAAAGGCCCTGCAGCCCATCTCTTAA
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 GAGACTTAGCAACCTCAACTCTCAAAGTGCCTCTACTGCCCAGTTGTGACTTCTCCCTCCACAGA
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 CTCCAAAAGAGTGTCAACATCCAGTTTCCCAAAGAGGCCCTCTTCTACCACATGCAGCTCCTACCTCC
 CCACAAAAGTCCCAGCCACTGACCCACTCAATGGGGCTTAACAAGCCATCCCCAAAAGTTGCCCTG
 CCACCCTAGTTGAGAGTCTACCTCTCCTAAAAAGGCCCCCAAACTGCAGCCCCAAAGAACTCCAGT
 GACTCCATCTCTTGAAGGGGTTACAGCTGTACCACTGGAGATTAATCCTTGCCCCAAAAAGGCCCCAAA
 ACTTCAACCCCAAGAAAGTTCAGTACTCTATCTTCCAAAAGAACCCCTAAAAGTGCAGTTTCTAAAG
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 CTGCCTGAAGAGTACAGCTGTGCCTCTGGAGTTTCTCTGCCTCCAAAAGAGATGCCCAAAAATGCAA
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 CCCCAAAATTCAGTCCCTAAACAGATTCTGTAAACCCATCTCCAAAAGATGCCTTTACTACCCTAGCT
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 TGGGGATCACAGCTGTATCAGAGATTTCTCCCTCCCCAAAAAGACCTCAAAAAGTGCAGTCCCCAAAGA
 AGATTCAGCAACCTCATACCCCAAAAGTCCCCCAAACTGCAACTCCCAAGAAAATTCAACTTATCC
 CCAAAAAGTCCCCAAAATGAAGCCCCAAAGAACTCTAGCCACATCTCTGAGGGGTTACAGCTA
 TGCCACTGGAGATTCCTCCTTCCCCCGCAGCTCCAGCCTCAAACGGGTTCTGTGACCCCATCTCCCAA
 AGGTGCCTCTAATACCCTAGCTGAGAGTCTGCCTCCCTAAAAAGGCCCTAAAAGTGCAGCCCCCAA
 GAAACCTCAACTCCATCCCCCAAAAATTCCTAAAATGTGAGTCCCAAAGAGACTCCAGCAACCCAC
 TTCCAAAAGAGCCCCAAAAGTGTAGCCCCAAAGAACTTACGACCTTCTGAGGGGTTACAGCTTT
 ACCACTGAAGGTTCTCCCTCCCCCAGAAAGGCCCCCAAACTGCAGTCCCCAAAGAACTCCAGCCCCA
 TCTCTGAAGGGGTCACCACTGCACTAGTGCAGATTCCTCCCTCCCCCAGGAAGGTCAAGAGAACAAGCT
 CCAAGAAACACCCACAACCCATCTCCTGAAGGAGTTACAGCTGCACCACTAGAAATTCCTTAACTTC
 CAAAAAGAACCCCAAAATGGCAAGCCCCAAAGAAATGCTAGTAACCCACCTTCCAAAAGGTTTCCCAA
 ACTGGAGATCCCAAGAACTCCACCTGAAGGGGTTACAGCTGTGCCACTGGAGATTCCTCTTCCCCCA
 AAAAGACTCCCAAACTGTAGTCCCTAACAGGTTCTGTAAACCCATCTCTAAAGTGCCTTACTAC
 TCTAGCAGAAAGTCTCCTCCCCCAAAAAGGCACCCACAACCTGCAGCCCCACCTCTGAAAGGGTCAAC
 ACTGCACCACCAGAGAAGCTGCCACCCACAGAAGGCCCTCAGCGACCGTAGCCTCCAAAAGTGTGGTCC
 CTGCTGAGACTGGAAGTTGCTGTCTCCCCAAAGAGACTCATCCCTCCTCCCAAAAAAGACCCCAAA
 GACTGTAGATCTTAAAGAAAGTCCAGCAGCCCTCCCTCCCTCCCCCAAAAGAGCCCAAAAATTTCTAT
 TCCAAAAGGCACAAAATACTTCTGCCCTATCGAGTTTCCAGCAAGCTTTCTATTAAAGCTGTACCA
 CCTCACTGGCACAGACGGTTCCCTGTGTGCAAAAGGCTCCATCAACAATAGCCCCCAGGAGAATTGAGC
 TGCCCCAGTTGCTATTCTGTCTCAACAAAAGGCCAGCAGCCCCAACTACTGCAAATGCTTCTGTTGCC
 CTAGCTGCCGCTTCCCTTTCCCAACTCCCAAGTCAAGATTTCTCCTTCCAAAAGACCCAGCTACTT
 CAGCTCTTCAAACAGTTCCAAAAGAGGCCACAACCATCCATCTGGTAAAAGGTTCCAGCCATTGAGAC
 CTCAATGAGACTTCAACAACCTATCTCTCAAAGGGGCCCAAGGAGACCTCAGAAAATTCACATCC
 AAAGGAGTTCTCAGTCCACAGTCAACTCTTCTCCTAAAAAGTCCCATCCTCCAAAAGGGCCTCTA
 CTCTCCAGCTACAACCTTCTCCCTCTATTAAGAGGGCCTCTGTTCTCTCACCCGTTCTACTTCTCCAC
 AAAAGACTCCCAACTTACCCAGTGTCCACAGCTGTAGCACAGCAACTACTACCCTCAGGCATCTGAA
 AAGTCCCAGCAAAGAAAGAACCTGCAGCTCTACAGAAGTGCCTGTGCACCTGCTCCAGAAAGTGCTT

TGGCCATCACTGTTCCCATTCAGAAAGTCCCAAGAACCAAGCGCAATTCTGCTTCGCCTCCTAAGTGCCC
 AGATCCCTCTGCTAAGAAAGATACAAAGGGCTCCTTTCTGCGGTAGCTCTAGCCCTCAGACAGTCCCT
 GTTGAGAAAACTCTTCAAACCTATAGAAGTTCTGCCTCTTGGCCGCAAAAGGCAGCGATTCTGTTC
 ATCCCCAAAGGGACCCATGGAGTCTCAGGAAGCTACTCCTCAGGCAGCATTACCTCTGACAAAGTCTC
 TCCAAAAGCTGTGTCTAAGTCTGTGGCTCCAAAGCCTACCCTAGCAGTTCCTGACTCTTGCTCCCTCC
 CCGATTCCCCCTCGCTCCTAAGCAGCCATTTCTCAATCGGCACCTGAGTCCGTGCTGGAATCACCT
 CTAAGTCCCAGTCCCTGCAGATGAGGATGAGCTGCCGCCTCTGATTCCCCCGGAAGCAGTCTCTGGGGG
 AGTGCCTTCCAGCCGATCCTGGTCAACATGCCACCCCTAAACCTGCTGGGATCCCTGCCAGCCCCC
 TCTGCCAAGCAGCCTGTTCTGAAGAACAACAAGGGGTCGGGAACAGAGTCTGACAGTGTGAATCAGTGC
 CAGAACTCGAGGAACAGGATTCCACACAGACAGCCACACAACAGGCCAGCTGGCAGCCGCGGTGAGAT
 CGATGAAGAACCTGTTAGTAAAGCCAAGCAGAGTCGGAGTGAGAAAAAGGCAAGGAAGGCCATGTCCAAA
 CTGGGTCTTCGACAGGTTACAGGGTTACGAGAGTCACTATCCGGAAATCTAAAAATATCTCTTTGTCA
 TCACAAAACCGGATGTCTACAAGAGCCAGCTTACAGATACCTACATAGTGTGGGGAGGCCAAGATTGA
 GGACTTGTGCGCAGCAAGCACAGTTGGCAGCTGCTGAGAAGTTCAAAGTTCAAGGAGAGGCTTTTCCAAC
 ATTCAGGAGAACACGCAGACGCCGACTGTCCAAGAGGAGAGCGAAGAAGAGGAGTTGATGAAACGGGTG
 TGGAAAGTTAAGGACATAGAGTTGGTCATGTACAAGCAAATGTGTCAAGAGCAAAGGCTGTCCGAGCCCT
 GAAAAACAACAGTAACGATATTGTAATGCTATTATGGAATTAACAATGTA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

Sgfl-Mlul

ACCN:

NM_001198580

Insert Size:

6492 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:

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_001198580.1, NP_001185509.1

RefSeq Size:

6627 bp

RefSeq ORF:

6492 bp

Locus ID:

288770

Cytogenetics:

7q11

