

Product datasheet for **RR216063**

Naca (NM_001198562) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Naca (NM_001198562) Rat Tagged ORF Clone
 Tag: Myc-DDK
 Symbol: Naca
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Cell Selection: Neomycin
 ORF Nucleotide Sequence: >RR216063 representing NM_001198562
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGCCCGGTGAAGCCACAGAAACCGTCCCTGCTACAGAGCAGGAGTTGCCACAGCCTCAGGCTGAGACAG
 GGTCGGGAACAGAGTCTGACAGTGAATCAGTGCCAGAACTCGAGGAACAGGATTCACACAGACAGC
 CACACAACAGGCCAGCTGGCAGCCGGCTGAGATCGATGAAGAACCTGTTAGTAAAGCCAAGCAGAGT
 CGGAGTGAGAAAAAGGCAAGGAAGGCCATGTCCAACTGGGTCTTCGACAGGTTACAGGGTTACGAGAG
 TCACTATCCGAAATCTAAAAATCCTCTTTGTATCACAACCGGATGTCTACAAGAGCCAGCTTC
 AGATACCTACATAGTGTGGGGAGGCCAAGATTGAGGACTTGTGCGAGCAAGCAGAGTTGGCAGCTGCT
 GAGAAGTTCAAAGTTCAGGAGAGGCTGTTTCCAACATTCAGGAGAACACGCAGACGCCGACTGTCCAAG
 AGGAGAGCGAAGAAGAGGAGGTTGATGAAACGGGTGTGGAAGTTAAGGACATAGAGTTGGTCATGTCACA
 AGCAAATGTGTCAAGAGCAAAGGCTGTCCGAGCCCTGAAAAACAACGTAACGATATTGTAATGCTATT
 ATGGAATTAACAATG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RR216063 representing NM_001198562
 Red=Cloning site Green=Tags(s)

MPGEATETVPATEQELPQPQAEETGSGTESDSDESVPLEEQDSTQTATQQAQLAAAAEIDEEPVSKAKQS
 RSEKKARKAMSKLGLRQVTGVTRVIRKSKNILFVITKPDVYKSPASDYYIVFGEAKIEDLSQQAQLAAA
 EKFKVQGEAVSNIQENTQPTVQEESEEEVEDETGVVEKDIELVMSQANVSRKAVRALKNNSNDIYNAI
 MELTM

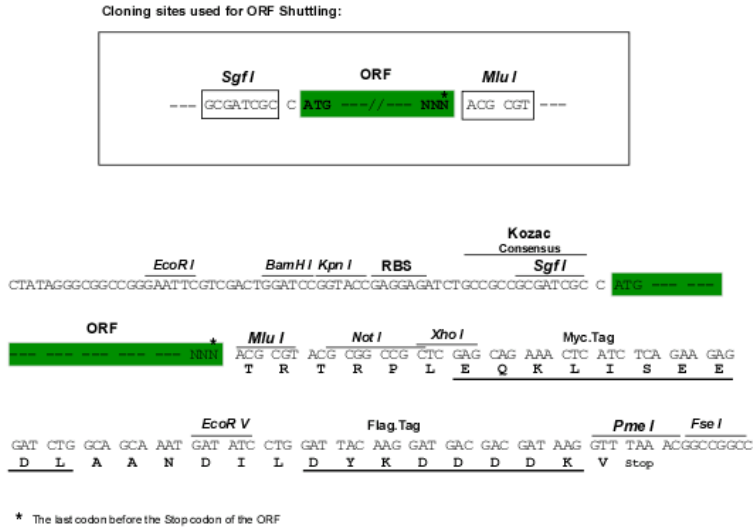
TRTRPLEQKLISEEDLAANDILDYKDDDDKV



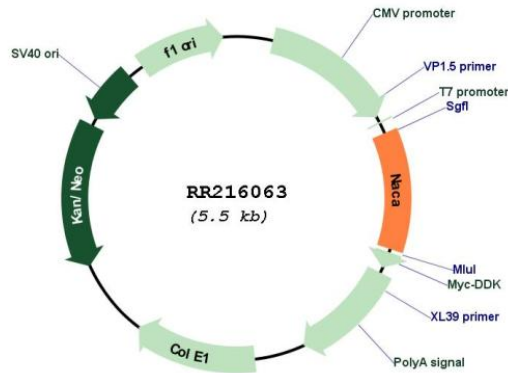
[View online »](#)

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001198562

ORF Size: 645 bp

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:	<u>NM_001198562.2</u>
RefSeq Size:	849 bp
RefSeq ORF:	648 bp
Locus ID:	288770
Cytogenetics:	7q11
MW:	23.4 kDa