

Product datasheet for **RN208245**

Naga (NM_001012120) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Naga (NM_001012120) Rat Untagged Clone
Tag: Tag Free
Symbol: Naga
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN208245 representing NM_001012120
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTTGCAGAAGACAGTGTCTTACTGGCCCTGGTGGCTCAGTACTGATGCTGGAGAATGGGCTACTGC
GGACACCACCCATGGGCTGGCTGGCTGGGAACGTTTCCGCTGTAACATCAACTGTGAGGAGACCCGAA
GAACTGCATCAGTGAGCGACTCTTTATGGAGATGGCTGACAGATTGGCTCAGGATGGATGGCGGGACCTA
GGCTATGTATACCTCAACATCGATGACTGCTGGATTGGTGGACGTGATGCCACAGGCCCGCTGATACCTG
ATCCCAAGCGATTCCCTCACGGATTGCCTTCCCTGGCTGACTATGCTCATTCTTTGGGTCTGAAGTAGG
CATCTATGAGGACATGGGCAAAATGACCTGCATGGGTTACCCTGGCACCCTCTAGACAAAAGTGGAGCTA
GACGCTGCAACCTTCGCAGAGTGAAGGTGGACATGCTGAAACTGGATGGCTGTTACTCCACTCCCAAGG
AGCGTGCAGAGGGGTACCCCAAGATGGCTGCTGCCCTGAATGCCACAGGCCGTCCCATCGCCTTTCTTG
CAGCTGGCCAGCCTATGAAGGGGGCCTACCCCAAGGTGAACACTGAGGTCGCCGGCACCTGCAAT
CTCTGGCGCAACTATAAAGACATCCAGGACTCCTGGAAGAGTGTGCTGTCCATTCTGGACTGTTTTGTGA
AACACCAGGACATACTGCAGCCCGTGTCCGGTCTGGGACTGGAATGACCCAGATATGCTGCTCATCGG
GAACTTCGGCCTCAGCTTCGATGAATCCCGGGCCAGATGGCCCTGTGGACAGTGTGCGAGCCCCCTC
TTCATGTCCACGGACCTGCGTACCATCTCCCCCAGAATATAGACATTCTTCAGAATCCACTCCTGATCA
AAATCAATCAGGACCCCTTAGGCATCCAGGGACGCTTGATCTTCAAGAGCAAATCCACATCGAAGTGTT
CAAGCGGAATCTGTCTGACGATGCCAGTGCCTGGTCTTCTTCAGCCGCAGGACAGACATGCCTTACCAC
TTCCATTGTTCCCTCTTGGAACTGAACTACCCCAAGGACAGTGTGATGAGGGCCAGAACGTCTTCACAG
GAGACATCATCAGCGGGCTCCACCCTGAAACCAACTTCACTGTGATCATCAACCTTCCGGGGTTGTGAT
GTGGTACCTATATCCCGTCAAGGGCTTGGGGATATACACAATGATGTCCAGTTG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



[View online »](#)

ACCN:	NM_001012120
Insert Size:	1248 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:	<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_001012120.1</u> , <u>NP_001012120.1</u>
RefSeq Size:	1785 bp
RefSeq ORF:	1248 bp
Locus ID:	315165
UniProt ID:	<u>Q66H12</u>
Cytogenetics:	7q34
Gene Summary:	Removes terminal alpha-N-acetylgalactosamine residues from glycolipids and glycopeptides. Required for the breakdown of glycolipids (By similarity).[UniProtKB/Swiss-Prot Function]