

Product datasheet for **RN209347**

Naaa (NM_001010967) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Naaa (NM_001010967) Rat Untagged Clone
Tag: Tag Free
Symbol: Naaa
Synonyms: Asahl
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN209347 representing NM_001010967
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGGGACCCAGCCATCCGGGCCGCTGCCATGGGGCACACCTGGCGCTGGCTCTGTTGCTGCTGCTGT
CGCTGTCCGATCCCTGGCTGTGGGGCAGCCGCCCTGGCACTCCGCCTCTTTCAACGTCACTGCTGGACGC
GGCCCCGAGCTGCGCTGGCTGCCGATGCTGCAGCACTACGACCCAGACTTCGTGCGCGCCGCGGTGGCG
CAGGTTATTGGAGACAGGGTCCCCAGTGGATACTAGAGATGATCGGAGAAATCGTGCAGAAGGTGGAGA
GCTTCCTGCCTCAGCCCTTCACCTCCGAGATCCGCGGCATATGTGACTACCTCAACCTCAGCCTGGCAGA
GGGTGTCTTGGTCAACTTGGCCTATGAGGCTTCCGCATTCTGCACCAGTATTGTGGCCAAAGACTCCCAA
GGCCGTATTTACCATGGCCGGAACCTGGACTATCCTTTTGGAAATGCCTTACGAAAGCTGACAGCAGACG
TGCAGTTTGTAAAGAACGGGCAGATTGTATTCACAGCGACCCTTTTGTGGCTATGTAGGACTGTGGAC
AGGTCAAAGTCCCACAAGTTTACAATTTCTGGTGATGAACGAGACAAAGGCTGGTGGTGGGAGAACATG
ATTGCTGCGCTTTCCTTGGGACTCGCCCATCAGCTGGCTTATCCGCAAACCTGACTGAGTCCGAAG
ACTTCGAAGCGGCCGTTTACACGCTGGCCAAGACTCCCCTATTGCTGATGTATTACATCGTTGGGGG
TACATCGCCCCAGGAGGGAGTAGTCATCACCAGGACAGAGGTGGCCCGCGGACATTTGGCCTCTTGAC
CCTCTGAATGGAGCGTGGTTCGAGTCCGAGACCAATTATGACCACTGGGAGCCTGTGCCAAGAGGGATG
ACCGAAGGACACCAGCCATCAAAGCCCTAAATGCCACAGGGCAAGCTCACCTCAGTCTGGAGACCCTCTT
CCAGGTTTTATCCGTGTTTCTGTTTATAACAATAACAATTTATACCACAGTGATGAGCGCTGCTGAG
CCCACAAGTACATGACCATGATCAGAAACCAAGTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001010967



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Insert Size:	1089 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_001010967.2</u> , <u>NP_001010967.1</u>
RefSeq Size:	1830 bp
RefSeq ORF:	1089 bp
Locus ID:	497009
UniProt ID:	<u>Q5KTC7</u>
Cytogenetics:	14p22
Gene Summary:	Degrades bioactive fatty acid amides to their corresponding acids, with the following preference: N-palmitoylethanolamine > N-myristoylethanolamine > N-stearoylethanolamine > N-oleoylethanolamine > N-linoleoylethanolamine > N-arachidonoyl ethanolamine. [UniProtKB/Swiss-Prot Function]