

Product datasheet for **MC221348**

Naaladl1 (NM_001009546) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Naaladl1 (NM_001009546) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Naaladl1
Synonyms:	Gm964; Naaladasel
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF:

>MC221348 representing NM_001009546

Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGC**

ATGCACTGGGTGAAAATACTAGGGGTGGCCTTAGGGGCTGCTGCGCTCTTGGGGCTGGGGATCATCCTTG
GGCACTTTGCCATCCCCAAGCAACTAGTCTCTGACCTCCAGCACTTCAGACTCCAGGACCTGGACCT
GGCGATCCTTGACTCCGTAATGGGACAAGTAGATGCCAGCAGGATCCGAGAGAACCTTCGAGAACTCTCC
AAGGAACCAACACGTGGCCACCAGCCCTCGGGACGAAGCCCTGGTGCAGCTGCTGCTGGGGCGCTGGAAGG
ATACAGCGACTGGGCTGGACTCAGCCAAGACCTATGAGTATAGGGTCTGCTCTCCTTCCCCAACGCAGA
GCAGCCTAACAGCGTGAAGTCGTGGGCCCCAATGGAACAACCTTCCACTCCTTCAACCCTTCGAGAAG
AATCTGACCGGGAGCAGGCGGGGCCAATGTATTGCAACCTTATGCTGCCTACGCTCCCCCTGGGACTC
CAAAGGGCCTCCTTGTCTATGCCAACCAAGTTTCAAGAGGACTTTAAGGAGTTAGAGACTCAGGAAT
CAACCTCGAGGGCACCATCGCTCTGACTCGCTACGGGGCGTAGGACGTGGGGCAAGGCCATTAATGCT
GCCAAACATGGAGTTGTGGAGTGTGGTGTACACGGACCCTGGTGATATCAATGACGGGAAGAGCTTGC
CTAATGAAACCTTCCAAACTCCTGGCGGCTGCCTCCTTCTGGTGTGGAGCGAGGCTCCTACTATAGTA
TTTTGGGACCTCTGACCCCTACCTTCCAGCCACCCCTCTTCTTCCGCTGGATCCTCACAAACACC
TCAGGATTTCCCCGATTCCACCCAGCCTATCGGCTTTGAGGATGCAAGAGATCTGCTCTGTAACCTCA
CCGGAACCTCTGCCCCTGCCTTCTGGCAGGGGGCCCTGGGCTGTGAGTACAAGCTGGGACCCGGCTTTGA
GCCGAATGGAAGCTTCCCTGCTGGGAGTGAGGTGAAAGTGAAGTGTCCACAACAGGCTGGAGCTGAGGACC
TCTTCAATGTCTGGGCATCATCCAGGGGGCTGTGGAGCCTGATCGATACGTGATCTACGGAACACC
GGGACAGCTGGGTACATGGGGCGGTGGACCCAGCAGTGGCACTGCTGTCTCTTGGAGATCTCTCGAGT
CCTGGGGACCTTGCTAAAGAAGGGCACCTGGCGACCCCGCAGGTCCATCATATTTGCCAGCTGGGGAGCA
GAGGAATTCGACTCATTGGCTCTACAGAAATTTACAGAGGAGTTTCTCAGCAAGCTGCAGGAGCGCACGG
TGGCTACATCAATGTGGACATCTCTGTTTTCTCAATGTACCTCCGGGCACAGGGAACACCTCTGT
ACAAAGTGTGATCTTCTCTGCCACCAAGAGATCAGTGCACCAGGCTCCAGTGGCCTCAGTATCTATGAC
AACTGGATCCGATATACCAACCGCACTAGTCCAGTATATGGACTGGTCCAGCCTGGGCACACTGGGCG
CTGGCAGTGACTATGCCGATTCGTTCACTTCTGGGCATCACGTCCATGGACCTGCCTACACCTATGA
CCGGAGCAAGACCTCGGCCAGGATCTACCCACCTACCACACAGCATTGATACATTTGATTATGTGGAG
AAGTTTCTGGACCCTGGTTTCAGCAGCCACCAAGCTGTGGCCCGACTGCTGGGAGCGTGCTTCTCCGGC
TCAGTGACAGCCTTCTCTGCCCTCAATGTGAGTACTATAGTGAAGACTACAGAGTTTCTGACAGGC
TGCTCAAGAGGCCCTTGGCACCCAGTTAGAGAAACAGAACATCAGCCTGGGGCCTTTGGTACTGCAGTG
GCGAACTTTAAGGCTGCAGCTGCATCCTTGGGTGAGCACATCTTGACCCTGCAGAAGAGCAGCCCTGATC
CTCTGCAGGTACGAATGGTCAATGACCAGCTGATGCTCTTAGAACGGGCTTCTGAACCAAGGGCTTT
CCCAGAGGAGAGGCACTACAGCCACGTGCTCTGGGCGCCCAACACGGCCTCTGTAGACACATTCCAGGT
CTGGCCAACGCTTATGCCAAGGGCCAGGAAATCAACTCCGGATCTGAAGCTTGGGCTGAAGTACAGAGGC
AGCTTAGCATTGTAGTAACGGCCCTGGAGGTGCGGCAGCCACCTGGTACCTGTGGCTGACCT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

Sgfl-MluI

ACCN:

NM_001009546

Insert Size:

2238 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:	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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_001009546.1</u> , <u>NP_001009546.1</u>
RefSeq Size:	2238 bp
RefSeq ORF:	2238 bp
Locus ID:	381204
UniProt ID:	<u>Q7M758</u>
Cytogenetics:	19 A
Gene Summary:	Aminopeptidase with broad substrate specificity. Has lower activity with substrates that have Asp or Glu in the P2' position, or Pro in the P3' position. Lacks activity with substrates that have both Pro in the P3' position and Asp or Glu in the P2' position. Lacks carboxypeptidase activity. Lacks dipeptidyl-peptidase IV type activity.[UniProtKB/Swiss-Prot Function]