

Product datasheet for **RN210698**

Naalad2 (NM_001106802) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Naalad2 (NM_001106802) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Naalad2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN210698 representing NM_001106802
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGATTTTCAGGACTCAGGCTGTAGATGCCGTAAGATAGGGCTTCAGCGATGTTTCATATTGCAGACCCC
 AGGCCTGCAGTTGCAGTCAGAGGCACTCTCTGACCCAAAAAGGCATGGCCAGACCTAGGCCAACTCCGGGG
 CCTAGGAATGTGCATTACTGCGGTGCTGGCCTCCTTCATCATGGGCTTTACTGTGGGTTGGTTTACTAAG
 CCTCTCAAAGAAACAACACTTTCATCTGCTTATCATCAAAGTATACAACAGAAACTTTGTCTGAAATGA
 AAGCTGAAAAATTTAGATCATTCTTCGTTCTTTACAAAACCTCCCATCTGGCAGGAACGGAACAAAA
 TTTACTACTTGCCAAGAAAAATCCAAACACAATGGAAGAAATTCGGATTAGATTACGCCAACCTGGTTCAT
 TATGATGTTCTCTGTCTTACCCAAATGAGACAAATGCAAACATGTATCCATTGGGATGAACATGGAG
 CTGAGATTTTTAAACATCATACCTTGAGCCACCACCAGATGGATATGAGAATGCACAAACATCGTACC
 ACCATATAATGCATTTTCAGCCATGGGATGCCAGAGGGAGAGCTTGTGTATGTCAACTATGCTCGTACT
 GAGGACTTCTTCAAACAGAAAGAGAGATGCACATCAACTGCACTGGCAAGATTGTTATTGCAAGATATG
 GGAAAACTTTAGAGGAAACAAAGTCAAAAATGCCATGCTAGCTGGAGCCATGGGAATCATTCTGTACTC
 TGATCCAGCTGACTACTTTGCCCTGGTGTACAGCCATATCCAAAGGATGGAACCTTCCTGGAGCTGCA
 GCCCAGAGAGGAAATGTCTTAAATCTGAATGGGCAGGTGACCCACTCACTCCAGGTTATCCAGCTAAAG
 AATATACCTTCAGACTTCTGTTGAAGAAGCAGTGGGGATTCCAAACATACCTGTACATCCAATTGGATA
 TAATGATGCAGAGAGACTGTTACGCAACTGGGAGGAAGTGTCCACCAGACCAAGCTGGAAGGGAAGT
 CTAATGTTAGTTACAATATTGGCCTGGCTTTTCAGGAAGTGAATATCCAGGAAAGTTGCAATGCATG
 TTCATAATTAACAAAATCACAAGAATTTACAATGTAATTGGAACATACAGAGGTTACAGAGGCTACAGAGC
 CAGGTATGTCATTCTCGAGGTCATCGTACTCCTGGGTGTTGGAGGGATTGACCTACGACTGGGACA
 GCAGTTTTGCAAGAGATTGCGCGAAGTTTTGAAAACTGGTGAATGGAGTTGGAACCTAGGAGAACTA
 TTATTTTTGCCAGCTGGGATGCAGAAGAGTTGGGCTGCTGGGTTCAACAGAATGGGCTGAAGAGAATGC
 AAAGATCTACAGGAGAGAAGCATTGCTTACATCAACTCAGATTCGGCTATAGAAGGTAATTACACTCTC
 CGAGTTGATTGCACTCCTCTTCCACCAGTTGGTGTATAAAGTGGCAAGAGAGATTTCCAGTCTGATG
 ATGGTTTTGAAAGTAAATCACTTTATGAAAGCTGGCTGGAAAAAGACCCTCACCTGAAAATAAAGAACG
 TCCTAGAATCAATAAGTTGGGATCTGGGAGTATTTTGGGCTTACTTTCAAAGACTTGAATGCTTCA
 GGCAGAGCTCGCTACACTAAGAACAAGAAAACAGATAAATACAGTAGCTATCCTGTATACCATACCATCT
 ATGAGACGTTTGAATTAGTACAGAATTTTATGATCCCACATTTAAAAAGCAGCTTCTGTGGCTCAGTT
 ACGAGGAGCATTGGTATATGAGCTTGGGACTGTGTAGTCATTCCTTTCAACATTCAAGACTATGCGAAA
 GCCTTGAAAAACTATGCAGCAAGTATCTTCAATTTATCCAAGAAACATGACCAGCAATTGAGAGATCATG
 GAGTATCATTTGATCCCTTATTTCTGTGTGAAAAACTTTTCAGAAGCTGCTTCAGACTTTCACAGAAG
 ACTTACACAAGTTGATCTTAATAATCCTACTGCAGTGAGAATTATGAATGACCAACAGATGCTTCTTGAA
 AGAGCATTCATAGATCCTCTGGTTTACCGGGGAGGCCGTTCTACAGGCACATCATCTTTGCTCCAAGCA
 GCCACAACAAATATGCTGGAGAATCATTCCCTGGGATTTATGATGCCATGTTTGATATTGAAAATAAGGC
 AGACACTCACCTGGCCTGGGCAGAAGTAAGAAAACACATTTCTATTGCAGCTTTCACAATTCAAGCAGCA
 GCAGGGACCCTGACAGATGTGTTA**AG**

ACGCGTACGCGGCCGCTCGAGCAGAAAACATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001106802
Insert Size: 2337 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_001106802.1</u> , <u>NP_001100272.1</u>
RefSeq Size:	2993 bp
RefSeq ORF:	2337 bp
Locus ID:	300384
Cytogenetics:	8q13