

## Product datasheet for **RN200804**

### **Etaa1 (NM\_001109094) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Etaa1 (NM_001109094) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Etaa1
Synonyms:	RGD1560957
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >RN200804 representing NM\_001109094  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGCGGCTGAAGGACGGTGCCACGGGAATGAGTCGGCGAAGGAAGCATGCGGACAGCCCTGTGCGGACGC  
 GCAGGGCGGGTGCCGAGAACTGCTGCTCGGCAGCGGAAGTGTGGCCCGGGCGTCCAGGGCGGCCGCAG  
 CTTCCAGCCAGCCGGGCGGGAACGCGGTCTGCGCTGCGGTGCAACGGCGGGCAGCGGGTACGCGCGGG  
 CGGAGCCCGGGGAAAAGGAGACACCAACAAGTTCTGAAAGTGAATTTATTGCCTGTACCTTCAGTT  
 CTCCAAATGATCCAGATGGACAGACTGATATCTTCTGGGATCAAATTTCTCCAATGACAAAAACAGTTAGG  
 TAAAAGAAGAACAAGCGGATTTCCAGTGCATACAGTGTAGATTTACATATTGTTAATCGTATTGCT  
 CCTCAGGATGAAAAACAGTGACAACTCCATGCTGGGTGTATGGATTGGTGACACTGCTATTCTTGTA  
 CTCCTAGTGTGCAAAAAGAAAAGTCAAGAGTAAAAATCAGCTGCACAAAGTTAAAAACAAAAATCGAGA  
 AAAAGAAGTTATGAAATGGCCCAACAGTTTGATAAAAATATGGAAGAAGTTGATGTGATTCAAGAGCAA  
 GATGGGAAGAATCATGATTTTATCCAGATGACTTCAGAAATGGGACATTTACATAACCATAAAAATTCGT  
 TGCAGATGGCATCAGATGATATAGTTTCTGAAAGTCAGTTATACTCCAATAAAGAAGCAAGTGGAGGGAGA  
 CAGCAGAAATCTCTGGGAAAGGGCAAGACAGCAGTCAAGACCCCTTGACCGAAATGTTGAAGCAGCC  
 TTTAATGCTATTTTTGATGGTCCACTCAGATGTGTAGTGGACAGCTAAGCCAGGAGCTGTCAGATACTT  
 TTTTGAACAATAGTAAAACCTCCATGAAAAAGGAAAATGTCTTACTACAAGGAAATCATTACTACTGA  
 AACTCTGCTCACAGACAACCTGCTAAATAAACTCCAATATCATCTTCCCTCAAGTAGATACTACCATA  
 ATACTAAAATCATGTGTGACTCCAGTCCCTAAGACTCCAGTAGCACCTAATAAGCATCTTGATGAATTGA  
 CTGCTAATGATTTTGAGGATGATTGGGAAAGCTTACTAAGCAGTGAACCCCTTCTTATGGAGATGCTGA  
 AATGCTTGAAGTCTTTCCCTCTACAAGTCAAGGACTGGTCAAGAGGCAAGTTTGTACCTCCATTGGG  
 GAAAAATGATACAATCACATCAAGAGCAAAATATGAATCTAGGTGGAAGGTTAAGAGACTCAAAAGTAAAC  
 TGGATCTTCTTCAAAGACACGAAGCAGAGAACTAAAAATGCTGGAGAAATGTAGTTTTTACCACATCC  
 AGGTGATGAACCAAGGAAGTTCCATTCATTGGGAATAAAGTGAAGTTTGAAGAACTGTGCACTAACTTT  
 GTTAGTAAAAATGAAGATTATGTTGCTGTCTTAACCTTACAAAAGTGAAGAAGATGGTCATGGTAAGG  
 GCATACTTAATGCCTTAACAAGTCTGTTTCATACACAAGGTATCCTAATGAACAAAATCACAAGCTTGG  
 TGTTAACCTGCCTTTGAAAGTACCCACTACTGACCCATTTGATTCTGTGTTCTGGGCAAGAAAACATT  
 GTGTGTAACACAATCAGTCTCATGGATCAAAGTTCAGTTCTCCCTTTGATGACTGGAATGACCCACTGT  
 TGGCCAGTGAAATGATTAAGCATGCCATCAATTAGAACTACCTGGGAAGCAGATGATGTAGATGATGA  
 TTTGTTATATCAGGCTTGTGATGACATCGAAAGACTAACTCAGCAAGAAAACAAGGGCAGCAAGGAGTCA  
 GAAAGTAAAAGTAACTTCCATACATGGATCCAGAAATACTTGTCTGCATCTGAACAAGGAAGTCAGT  
 TGGTGTGCTTAAACATTGGAATCTTGTGAGTTCTCCAATGCCATTGTCTTTAACAATAAATCACAGAT  
 AAATAAGCCAGTGACAGTAGAGAAAAGAAAATATGTGGAGATTGTCCAATATTTGGATGCTACAAAT  
 TTGTCTGTGTGCTAAGAATTCAGTGAATCAGCATGTACCAGTACAGGTGAATAGCTCAAACCTCTG  
 TTCTGTAGGAAGTTCACATCTGAAAGTTAATTTGGTCTGTGAGCACAAGATCGCTACTAATACGAA  
 GTTTAGTACTGCTCAGCTGTCCACCACAGCTTAGCAGATACAGCTCAGAGTGACAGCAAAATCTGAAG  
 TCATCAAAATTCACATTTAAAAAGAAGAACCCCTCAGTTTCTTTCTGAGTTAAATCAAAATCCTCTAGCAG  
 GAAGTATGCCTGTAGTAAAATCTCACAGGACTTAGGAAAAAGGAAAAGTGTCAATTCATGGCCTGAAGC  
 TAATCAAAAACATTCTGAGTCTTTGAAACCATCTTCCCCAGACGAAGAAGAGAGAAAACAGGAAGTATTCT  
 CCTGAAGAAATTCGGCGGAAAAGGCAGGAAGCACTGGTTCGAAGAAGGCCAAAGCGTTGCACACTGTGC  
 AGTCAGCTCCTGTTTCACTGCCTTGGTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_001109094  
**Insert Size:** 2619 bp

<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_001109094.1</a></u> , <u><a href="#">NP_001102564.1</a></u>
<b>RefSeq Size:</b>	3260 bp
<b>RefSeq ORF:</b>	2619 bp
<b>Locus ID:</b>	498420
<b>Cytogenetics:</b>	14q21