

## Product datasheet for **RN204277**

### **Eya3 (NM\_001107910) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Eya3 (NM_001107910) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Eya3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >RN204277 representing NM\_001107910  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGCAGGAACCAGGAGAACAACCTTTAAGTCAAGTAAACAACCCAGACACCAGTGTATCAGAAGCCTGAGA  
 CCGCCAGCCTTTCGCTCAAACCTTAGCATGTCAGAGGAAATTATGACATGCACCGATTACATCCCTCGCTC  
 ATCCAATGATTATACCTCACAAATGTATTCTGCAAAACCTTATGCACACATCCTCTCGGTTCTGTTTCG  
 GAAACCACTTATCCTGGGCAGACTCAGTACCAGACACTGCAGCAGTCTCAACCCTACGCTGTCTACCCTC  
 AGGCAACCCAACTTATGGACTACCTCCTTTTCGCTTCAAGCACAAATGCCAGCCTGATATCCACTTCATC  
 TGCAATTGCCAATATTCCAGCAGCAGCCGTGGCCAGCATCTCAAACCAGGACTATCCACCTATACTATT  
 CTTGGACAGAATCAGTACCAGGCTGCTACCCAGTTCAGCTTTGGAGTCACAGGTCAGACTAACAGTG  
 ATACTGAGAATACAGCATTAGCAGCTACAACGTACCAGACGGAGAAGCCTGGTGTATGGGACCTGCACC  
 AGCCACACAGAGGCTTCTTCCGACTCGTCCACAAGCCACCTTTGTCCAGACAACACCAAATAAAGAT  
 GCTGATGATCAGGCCAGGAAAAACATGACTGTCAAGAACCAGGCAAGAGGAAAGCTGACGCCAGCTCTT  
 CCCAGGACAGCGAATTAGAACGGGTATTTCTCTGGGACTTGGATGAAACCATCATATTTTCATCCCT  
 TCTTACCGGATCCTATGCTCAGAAGTATGGAAAGGACCCAAACAGTCGTAATTGGCTCAGGTTTAAACAATG  
 GAAGAAATGATTTTTGAAGTGGCTGATACACATCTATTTTTCAATGACTTAGAAGAGTGTGACCAGGTGC  
 ATGTGGAAGATGTGGCTTCTGATGACAAATGGCCAGGATTTGAGCAACTACAGTTTCTCAACAGATGGTTT  
 CAGTGGTTCAGGAGGCAGCGGGACCCAGGATCCTCTGTGGGAGTTCAGGGAGGTGTGGACTGGATGAGG  
 AAACCTGGCCTTTCGCTACCGAAAAGTGAGGAAATCTATGATAAGCATAAAAGCAACGTTGGTGGCCTTC  
 TCAGCCCCAGAGGAAGGAGGCTCTGCAGCGGCTCAGAGCAGAGATCGAAGTGTGACGGACTCCTGGCT  
 AGGAACCCGCTGAAGTCTTGTCTCATCCAGTCTCGAAAGAATTGTGTGAATGTTCTGATCACTACC  
 ACCCAGTTGGTTCAGCCCTGGCCAAGGTTCTCCTGTATGGACTAGGAGAAATATTTCTATTGAGAACA  
 TCTACAGTGTACAAAAATCGGTAAGGAGAGCTGCTTTGAGAGAATCGTTTCGAGATTTGGGAAAAAAGT  
 CACATATGTAGTAATTGGAGATGGACGAGATGAAGAAATGCAGCCAAGCAGCACAAACATGCCCTTCTGG  
 AGGATCACAAACCATGGAGATCTGGTGTCCCTGCACCAGGCTTTAGAGCTCGACTTCTCT**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_001107910
- Insert Size:** 1533 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.

**RefSeq:** [NM\\_001107910.1](#), [NP\\_001101380.1](#)

**RefSeq Size:** 3893 bp

**RefSeq ORF:** 1533 bp

**Locus ID:** 313027

**Cytogenetics:** 5q36