

Product datasheet for **RN217003**

Eya4 (NM_001271317) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Eya4 (NM_001271317) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Eya4
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN217003 representing NM_001271317
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAAGATACCCAGGACCTAAATGAGCAGTCCGTAAGAAAACGTGCCAGAATCAGATGTTTCAGAAC
 CTCAGAATTCAGGTCTATGAAAATGCAAGACCTAGCAAGTCCCCATGCCTTGGTTGGAGGCAGTGACAC
 ACCTGGGAGCTCCAAGCTGGATAAATCCGGTCTCAGCAGCACTTCGGTCAACAACAATGGGACAGGAGTG
 TCTCTTCTGAGTCAAAACAGAGCCCTTGACAGCAGTGAACCACTACCAGACTGGAGATGGAGCGC
 TTGACACTTTTACTGGGTGAGTAATAACCAGCAGTGGCTACAGCCCAGATCGGCACACCAGTACTCCCC
 ACAGCTGTACCCCTCCAAGCCCTATCCACACATCTTTCTACACCAGCAGCTCAAACAATGTCGGCTAC
 GCAGGCCAGACTCAGTACTCTGGGATGCAGCAGCCAGCGGTCTACACAGCCTACTCGCAGACAGGGCAGC
 CCTACAGCCTGCCCGCTACGATCTTGGTGTGATGTTGCCAGCCATCAAGACGAAAAGTGGGCTTCCCCA
 AACTCAGTCCCCTTACAGAGTGGCTGCCTCAGCTACAGCCCTGGGTTTTCTACCCACAGCCAGGCCAG
 ACACCTTACTCTTACCAATGCCAGGCTCCAGTTTTGCACCATCATCCACTATTTATGCAATAATTCCG
 TCTCTAATTCAACAAATTTACAGCGGCTCACAACAGGATTACCCATCGTACACAGCCTTTGGCCAAAACCA
 GTATGCTCAGTATTACTCAGCATCAACCTATGGGGCATACATGACTTCAAACAACACAGCCGATGGCACA
 TCGTATCCACCTCGACTTACCAGCTACAGGAATCTCTCCAAGGACTGACTAGCCAACCAGGAGAGTTTG
 ATACAGTGCAGAGCCATCCACACCAATCAAAGATCTTGATGACAGAACATGTAGAAGTTCTGGGTCAA
 GTCTCGAGGAAGAGGCCGAAAAATAATCCCTCCCACCTCCGGACAGTGACCTGGAGCGTGTGTTTGT
 TGGGACTGGATGAAACCATCATCGTCTCCACTCTCTCCTCACGGGCTTTACGCACAGAAGTACGGCA
 AGGATCCCCGATGGCTGTAACCCCTGGGCTCCGAATGGAAGAAATGATCTTTAATCTTGGCGATACACA
 TTTGTTTTTTAACGACTTAGAGGAGTGTGATCAAGTTCATATAGATGATGTTTCCCGATGACAATGGT
 CAGGACTTAAGTACCTACAGTTTTGCAACTGATGGCTTCCATGCAACTGCAAGTAGTGCGAACCTTTGTT
 TGCCAACAGGTGTGAGAGGAGGGGTGGACTGGATGAGGAAGCTGGCTTTTCGTTACAGAAGAGTAAAGGA
 ATTATATAACACCTACAAGAACAATGTCGGAGGTCTCCTTGGCCCTGCCAAGAGGGATGCATGGCTGCAG
 TTAAGGGCAGAGATCGAAGGCCTAACAGATTCTGGCTAACAAATGCACTTAAGTCTTTATCAATTATTA
 GTACTAGGAGTAACTGTGTAATGTCTTGGTAACGACAACCCAGCTGATTCTGCTCTTGCAAAAGTCTCT
 GCTTTACAGCCTAGGAGGTGCTTTCCCATGAGAATATTTACAGCGCACTAAAATAGGCAAGGAAAGC
 TGTTTTGAGCGTATAGTGTCCAGATTTGGCACTAACATACTTATGTTGTGATTGGAGATGGCCGAGACG
 AGGAGCACGGGCTAACCCAGCACAACATGCCCTTTGGAGGATATCAAGCCACTCGGACCTCTTGGCTCT
 ACATCAAGCACTGGAATTAGAGTATTT**GTAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001271317
- Insert Size:** 1851 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).
- OTI Annotation:** Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
- 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_001271317.1](#), [NP_001258246.1](#)

RefSeq Size: 3586 bp

RefSeq ORF: 1851 bp

Locus ID: 292172

Cytogenetics: 1p12