

## Product datasheet for **RN203268**

### **Eef1a2 (NM\_012660) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Eef1a2 (NM_012660) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Eef1a2
Synonyms:	EEF1A1; Ps10; RATPS10; STN; Stn1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN203268 representing NM\_012660  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGGCAAGGAGAAGACACACATCAACATTGTGGTCATTGGCCACGTGGACTCAGGCAAGTCTACCACGA  
 CAGGCCATCTCATCTACAAATGTGGCGGCATCGACAAGCGGACCATCGAGAAGTTTGAGAAGGAGGCAGC  
 AGAGATGGGGAAGGGCTCCTTTAAATATGCCTGGGTGCTGGACAAGCTGAAGGCAGAGCGGGAGCGCGGC  
 ATCACCATCGACATCTCCCTCTGGAAGTTTGAGACCACCAAGTACTACATCACCATCATTGATGCTCCAG  
 GCCACCGGGACTTCATCAAGAACATGATTACTGGCACATCCCAGGCGGACTGTGCAGTACTGATCGTGGC  
 AGCGGGCGTGGGCGAGTTTGAGGCGGGCATCTCCAAAACGGGCAAAACCCGGGAACCGCACTCTGGCC  
 TACTCTGGGTGTGAACAGCTCATTGTGGGTGTCAACAAGATGGACTCCCGGAACAGCCTACAGCG  
 AGAAGCGTACGATGAGATTGTCAAGGAGGTGAGCGCCTACATCAAGAAGATCGGCTACAACCCAGCCAC  
 GGTGCCCTTCGTGCCATCTCGGGCTGGCACGGTGACAACATGCTGGAACCTTCACCTAATATGCCATGG  
 TTCAAGGGCTGGAAGGTAGAGCGTAAGGAAGGAAATGCAAGCGGCGTGTCCCTGCTGGAAGCCCTGGACA  
 CAATCCTGCCCCACCCGCCCCACCGACAAGCCCTTCGTCTACCGCTGCAGGATGTATACAAGATTGG  
 TGGCATTGGGACTGTACCTGTGGGCAGAGTGGAGACCGGTATCCTCCGTCTGGTATGGTGGTGACCTTT  
 GCGCCAGTCAACATCACCACAGAGGTGAAGTCTGTGGAATGCACCACGAGGCGCTCAGCGAGGCCCTGC  
 CTGGTGACAATGTTGGGTTCAACGTGAAGAATGTGTCTGTCAAGGACATTCGCCGGGGCAATGTCTGTGG  
 GGACAGCAAAGCTGACCCCTCAGGAGGCCGCCAGTTCACCTCTCAGGTTATCATCTGAACCCACT  
 GGGCAAATCAGCGCTGGTACTCGCCAGTATCGACTGTCACACAGCCACATCGCCTGCAAGTTTGCCG  
 AGCTAAAGGAGAAGATTGACCGTCGCTCTGGCAAGAAGCTGGAGGACAATCCCAAGTCCCTGAAGTCTGG  
 GGATGCCGCCATTGTTGAGATGGTCCCAGGAAAACCCATGTGTGTGGAGAGCTTCTCACAGTACCCACCC  
 CTCGGCCGCTTCGCCGTGCGCGACATGCGGCAGACTGTGGCCGTGGGCGTCATCAAGAACGTGGAGAAGA  
 AGAGCGCGCGCGCGCAAGGTACCAAGTCCGCACAGAAGCGCGCAGAAAGCGGGCAAG**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_012660

**Insert Size:** 1392 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\\_012660.2](#), [NP\\_036792.2](#)  
RefSeq Size: 2035 bp  
RefSeq ORF: 1392 bp  
Locus ID: 24799  
UniProt ID: [P62632](#)  
Cytogenetics: 3q43  
Gene Summary: genomic clone of the nonproliferation-specific gene present in growth-arrested cells [RGD, Feb 2006]