

## Product datasheet for **RN210028**

### Mon1a (NM\_001126284) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Mon1a (NM_001126284) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Mon1a
Synonyms:	RGD1308823
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN210028 representing NM\_001126284  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGGCTGCTGACATGCCGAGGAAGAGAAGCGCGAATGCCCGAGGGCACACTGGCTCCTTCCACCGGCC  
 AAAGTGTGGAAAGAGCTGAGAGCCCCACACCAGGGCTGACCCAGGAATGGAGCCAGACAGCCCCAAAGA  
 GTATGTTGGGAGTCCCCACCACTGCCTACAGACATACGCCAGATTAGCCAGGACTTCAGCGAACTAAGC  
 ACCCAGCTGACAGGTGTGGCCGAGACCTGCAGGAGGAAATGCTGCCAGGAAGCTCTGAAGACTGGCTGG  
 AACCCAGGGGGCGGCTGGACGACCAGCCACAGAGCCCTCCCAAGAGAGCTCAACTGAAGGGGAAGAGGA  
 GGATGCCACAGAGGCATGGCGTCTCCACCAGAAGCACGTATTTGACTGAGTGAGGCAGGGAAGCCTGTG  
 TATTCTCGCTATGGTCTGAGGAAGCGCTTCCAGCACTATGGGTGTCATGGTTGCCTTGGTGTCTTCC  
 TGGAGGCAGACAAGAATGCCATCCGCTCCATCCATGCAGATGGCTACAAGGTAGTATTCTGCGCCGGAG  
 CCCTCTGGTGTGGTGGCGGTGGCCCGCACGCGCAGTCGGCCAGGAGCTGGCGCAGGAGCTACTGTAC  
 ATCTACTACCAGATTCTGAGCCTCCTTACCGGCGCGCAGCTGAGCCACATCTTCCAGCAGAAGCAGA  
 AACTACGACCTGCGGCCCTGCTCTCGGGCTCGGAGCGGATCACCGATAACCTGCTGCAGCTAATGGCTCGAGA  
 CCCCAGTTTCTGATGGGTGCGGCGAGGTGCCTGCCTTTGGCAGCGGCCGTGCGGGACACGGTGAGTGCC  
 AGCCTGCAGCAGGCGCGTGTTCGCAGCCTGGTCTTTTCCATCCTGCTGGCCCGCAACCAGCTAGTGGCGC  
 TCGTGGCGCGCAAGGACCAATCCTGCATCCCATCGACCTGCACCTGCTTTTCAACCTCATTAGCTCCTC  
 CTCATCCTTCCGTGAGGGCGAGGCTTGGACTCCCGTGTGCCTGCCAAAGTTCAATGCGGCCGGCTTCTTC  
 CACGCACACATCTTACCTAGAACCCGACACCGACCTCTGCCTGCTGCTGGTCTCCACTGACCGTGAGG  
 ACTTCTTCGCAGTCTGACTGTCTGCGCGCTTCTGGAACGCATTGAAAGCGGGAGCCCCATTTGGC  
 CCTGCGGGAGGCGCTGCGCACACCTTACTACAGGCTGGCCCAAGTAGGCATCCCTGACCTTCGCCACTTC  
 CTCTATAAATCAAAGAGCTCAGGACTCTTACCAGTCCGAGATTGAGGCCCATACACCAGTGAAGAGG  
 AGCAGGAGCGGCTGTTGGGCCTTACCAGTACCTGCACAGCCGTGCCACAATGCCTCCCGCCACTCAA  
 GACCATCTACTACACAGGCCCAATGAGAACCTCCTAGCCTGGGTGACAGGTGCCTTTGAGCTCTACTTG  
 TGCTACAGCCACTGGGAACCAAGGCATCAGCCGTGAGTCCATCCATAAGCTGATGCGCTGGATCCGTA  
 AAGAGGAAGACCGGCTTTCATCCTCACGCCCTCACCTACTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-Mlul

**ACCN:** NM\_001126284

**Insert Size:** 1584 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\\_001126284.1](#), [NP\\_001119756.1](#)

**RefSeq Size:** 1959 bp

**RefSeq ORF:** 1584 bp

**Locus ID:** 315999

**Cytogenetics:** 8q32