

## Product datasheet for **RN205558**

### Donson (NM\_001008287) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Donson (NM_001008287) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Donson
Synonyms:	MGC94546
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >RN205558 representing NM\_001008287  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGGCTGTCTCGGTCCCGGCTACTCGCCAGCTTCAAGAGGCCGCTGAGGTCGTGCGGCTCCGCCGGA  
 AAAGGCCTCGGGACCATGGTACCGCCGTCTCTCCGACTGCCGAGCCCGCGCTCCGCCGCGCCGCT  
 GGCTGCTGGGCTGCCCTTGCCTCCCTTCCGACCGCGGGCGCAGAGGAGCGCCACCCTACCCTCGCC  
 CGCAGGAACCCTTTCGCCCGCTGGACAACCGGCCACGGGTGGCCGACGAGGCCCGCCGAAGAGCCCTCC  
 GCGGTCTCAAGGAGCGCCGGCCCGCTTCTAGATTCTAATGGAGAAAATAACTTGCTGTGGGAGGAGGC  
 ATCTCATGAAAGAACTGTCACGGAAGTGTCCAGAGTCAACAGGTAACCTTGCTGAATCGGACACTTGG  
 TCTTCAGATGGTACTGAGTTACCTGTGGACTGGAGTATAAAACCCGCTCCTTTTCACCTTTCTCAAC  
 CCTTTTCTGGCAGAACATTTGAAAGCACAGGAAGAAGCCAAAGGACTTGTCCAGCATTGTAGGGCAAC  
 AGAAGTTACATTACTACAGAGTATACCGGATCCCAAAGTCCACTGTGCTACGTTGTGCCTTCCAGCAG  
 ACCTGGTCTACTGGCTTACCCTGCCTTTTCATGGCTGCCACTTCCCTCGAATTGGAGCTGATAGAA  
 AAATGGCTGCAAAGACAAGTCCATGGTCAACGGATGAAAGCCTGCAGCATGCTTTAATGAGTGACTGGTC  
 TGTGAGTTTTACGTCTTTATATAACCTGCTGAAGACGAAGCTTTGCCCTATTTCTACGTTTGTTCCTAT  
 CAGTTTACGGTCTGTTCCGGGCAGCAGGATTAGCAGGAAGCAGTGTGATCACAGCGCTCATCCCCCTA  
 CAACTAGAGGCTTAAGAGAAGCTATGAAAAGTGAAGGTATTGAATTTTCTCTGCCTTACTAGAAGAGAG  
 TGGTCATAAGGAGAAAGTTGCTTGGCTGGAAGAGATCGGTGTGCAGGATCAAATTAAGAAGCCAGACTTGTCT  
 CTGTCAAGCTGCGTAAAGAAAAACATGAAGTACAGATGGATCACGACCAGAGTGTGCTACTGGTGAA  
 AGGACTCAATACCTTCAAAGTCTCAACTTTTTGATCAATTGCAAGAGTTTAGTTGCTACCTCAGGCGCA  
 CAGGCAGGTCTCCACCCACTCTTATCCCCAGTTGCCTTTCGAGGTGCCTCAATGCAAATGCTTAAGA  
 AAGGTGCTCATAAGGACCTTGCTAACTGTGGGCTGCACCCATAAACCCCTGGAGCAGCTCAGTCAAATGCC  
 AGTGCTGGGGAAGTCATCCTTGCAGGATGTGAAATGAGTGACTACATTGAAATGGAGATCT**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_001008287
- Insert Size:** 1467 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\\_001008287.1](#), [NP\\_001008288.1](#)  
RefSeq Size: 2238 bp  
RefSeq ORF: 1467 bp  
Locus ID: 288257  
Cytogenetics: 11q11