

## Product datasheet for **RN205482**

### Cs (NM\_130755) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Cs (NM_130755) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Cs
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

**Fully Sequenced ORF:** >RN205482 representing NM\_130755  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGGCTCTACTACTGCGGCAGCCCGGCTCTTGGGAGCCAAGAAGCTCATCCTGCCTCGTCTTGGCTGCC  
 GGCAGCCAGTGTCTTCCACGAATTTGAAAGACATACTGAGCAATCTGATACCTAAGGAGCAGGCCAG  
 AGTTAAGACCTTCAGACAGCAGCATGGGAAGACAGTGGTTGGCCAAATCACTGTGGACATGATGTACGGT  
 GGCATGAGAGGCATGAAGGGACTTGTGTATGAGACATCGTTCTTGATCCTGATGAGGGCATCCGCTTCC  
 GAGGCTATAGTATCCCTGAGTGCCAGAACTGCTACCTAAGGCTAAAGGTGGGAAGAGCCCTACCTGA  
 GGGCTATTTGGCTGCTGGTAACTGGACAGATGCCACAGAGGAACAGGTCTCTTGGCTCTCACAAGAA  
 TGGGCAAAAAGGGCAGCTCTGCCTCCCATGTGGTCACCATGTGGACAATTTCCGACCAATCTGCACC  
 CCATGTCTCAGCTCAGTGCAGCCATCACAGCCCTCAACAGTGAAGCAACTTCGCCCGGGCATATGCAGA  
 GGAATAAACCGAACTAAGTACTGGGAGCTCATCTATGAAGACTGTATGGACCTGATTGCCAAGCTGCCG  
 TGGCTTGCAGCAAAGATCTACCGGAATCTGTACCGGGAGGGCAGCAGTATTGGGGCAATTGACTCTAAGC  
 TGGACTGGTCCCAATTTACCAACATGTTATGCTACACAGAACCCTCAGTTCACAGAAGCTCATGCGTTT  
 GTACCTTACCATCCACAGTGACCATGACGGTGGCAATGTAAGTGGCCACACAAGCCACTTGGTGGGCAGC  
 GCCCTTTCAGACACTTACCTGTCTTTCAGCAGCTATGAATGGGCTGGCAGGGCCTCTGCATGGACTAG  
 CAAACCAGGAGGTGCTTGTCTGGCTGACGCAGCTACAGAAGGAAGTCGGCAAAGACGTGTGATGAGAA  
 GTTACGAGACTACATCTGGAACACACTCAACTCGGACGGGTTGTCCAGGATATGGTCATGCAGTCCTA  
 AGGAAGACTGATCCACGATATTCCTGTGAGCAGAGTTTGTCTGAAACATCTGCCCAAGGATCCCATGT  
 TTAAGCTGGTTGCTCAGCTGTACAAGATTGTGCCAATATCCTCTTAGAGCAAGGAAAGGCTAAGAACCC  
 CTGGCCCAACGTAGATGCTCACAGTGGGGTGTGCTCCAGTACTATGGCATGACGGAGATGAATTACTAC  
 ACAGTCTGTTCGGAGTGTGAGGGCACTGGGTGTGTTGGCCAGCTTATCTGGAGCAGACCCCTAGGCT  
 TTCCTCTAGAAAGGCCCAAGTCCATGAGCACGGATGGTCTGATGAAGTTTGTGGACTCTAAGTCAGGGTA  
 A

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_130755
- Insert Size:** 1401 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:	<u>NM_130755.1, NP_570111.1</u>
RefSeq Size:	1498 bp
RefSeq ORF:	1401 bp
Locus ID:	170587
UniProt ID:	<u>Q8VHF5</u>
Cytogenetics:	7q11
Gene Summary:	human homolog is an enzyme that catalyzes the synthesis of citrate from oxaloacetate and acetyl coenzyme A [RGD, Feb 2006]