

## Product datasheet for **RN215393**

### **Slc30a10 (NM\_001105985) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Slc30a10 (NM_001105985) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Slc30a10
Synonyms:	RGD1305098
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN215393 representing NM\_001105985  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGGCCGTTATTCGGGCAAGACCTGTCGGCTGCTGTTTCATGCTGGTGCTCACCGCGCCTTCTTCGTGG  
 CCGAACTGGTGTGGGTTACCTGGGCAACTCCATCGCGCTGCTCTCGGACTCGTTCAACATGCTGTCTGA  
 TCTGATCTCGCTGTGCGTGGGCCTGGGCTCCGGTACATCGCGGACGCGGTCCCGCGGCTCCAGCGCC  
 ACCTACGGCTATGTGCGGGCGGAGGTGGTGGGCGCGCTCAGCAACGCAGTCTTCTCACCGCGCTGCT  
 TTACCATCTTCGTGGAGGCCGTGTGGCGCTCGCGCGGCCGAGCGCATCGACGACCCGGAGCTGGTACT  
 CATCGTGGGCGCCCTGGGCTGGCAGTCAACGTGGTGGGCTGCTCATCTTCCAGGACTGCGGCGCCTGC  
 TTCTCCCGCTGCACGCGGGGTACCGGACCCGCCCTTCGACGCCCGCGCCAGGGGGACACTGGTGGCG  
 CTTTGGGGTGTCCCGGGAGGCTGCGACAGCCACAGACCCCGGCTCAGACTCAGCAGTACTCTCCGGGG  
 GGCTCGGCCGGAAGAAAGCAGCAGGAGGGCGCGCGGTGTTCTCGAATGTAGCAGGTGATCCCTGAAC  
 ACCCAGAATGAACCAGAAGAGACAACAAAAAGGAGAAGAAGTCTGAAGCACTGAATATCAGAGGTGTT  
 TTTTGCATGTGATGGGAGATGCCCTGGGGTCCGTGATTGTGGTTGTCACAGCCATCATATTTCTATGTTCC  
 TCCCTGAGACATGAAGACCCGTGTAACGGCAATGCTACATTGACCCAGTTTACTGTTGTCATGGTC  
 ATCATTATCTTATCATCAGCCTTCCACTCATCAAGGAGACTGCTGTCATCCTGCTGCAGATGGTCCCA  
 AGGGAGTCAACATGGAGGAGCTGATGAGCCAGCTGTCTATGGTGCCTGGGGTTAGCAGTGTGCATGAAGT  
 GCACATCTGGAACTGATAAGTGGGAAGTTATTGCCACCTTGCACATCAAGCACCAGGAGGGCACGGAA  
 TACCAGGATGCCAGCAGAAAAGTCCGCGAGATCTTCCACCATGCAGGAATCCACAACGTGACCATCCAGT  
 TTGAAACATTGGACTTGAAGGAAGCCCTGGAGCAGAAGGACTTCTGCCAACCTGCAGTGCACCCGTCAT  
 CTCCAGAGTTGCGCTAAGAAGCTCTGCTGTCCCGGGGACACTGCCTCTGGCTCTCGTCAATGGTTGT  
 GCAGAGCACAATGGTGGGCCAATCTAGAGTCTTACCGAAGCATAGAAGTCCAGAAAGTGGTTCATAGATG  
 TGGCTTTGGATGGCTGTCCAAGGAAGCAAGGACAGGTTACAGCAAGACTCAAGAGAGACAGCATTGTGA  
 AACAGCACTCATTTTAG

**ACGGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_001105985
- Insert Size:** 1419 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\\_001105985.1](#), [NP\\_001099455.1](#)  
RefSeq Size: 2243 bp  
RefSeq ORF: 1419 bp  
Locus ID: 289353  
Cytogenetics: 13q26