

## Product datasheet for **RN209606**

### **Slc1a7 (NM\_001108973) Rat Untagged Clone**

#### **Product data:**

|                    |  |
|--------------------|--|
| Product Type:      | Expression Plasmids                      |
| Product Name:      | Slc1a7 (NM_001108973) Rat Untagged Clone |
| Tag:               | Tag Free                                 |
| Symbol:            | Slc1a7                                   |
| Vector:            | pCMV6-Entry (PS100001)                   |
| E. coli Selection: | Kanamycin (25 ug/mL)                     |
| Cell Selection:    | Neomycin                                 |



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**Fully Sequenced ORF:** >RN209606 representing NM\_001108973  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGAATGGTGCCAACAGGCTGGGCTCAGCATGGTGTCTGGGCGCCTTTCTGGCTCGAGGGCGGGCAGTGT  
 GTAGACACAACGGGCTCCTCATCCTGTCTGTGCTGTCTGTCATCGTGGGCTGCCTCCTTGGCTTCTTCT  
 CAGGACCCAGCGCCTCTACCACAGGAGATTAGCTACTTCCAGTTCCTGGAGAACTCTTGATGAGGATG  
 CTGAAGATGCTGATCCTACCACTGGTGGTCTCCAGCTTGTCTGGCCTTGCCTCCCTGGATGCCAAGA  
 CCTCCAGCCGCTTGGGCATCCTCACCGTGGCATAATTACCTGTGGACCACCTTTCTGGCTGTCGTCGTTGG  
 CATCATCATGGTCTCCATCATCCACCCTGGTGGTGCAGCACAGAAGGAGACCACCGAACAGAGTGGAAAG  
 CCAGTCATGAGCTCAGCCGATGCCCTCCTGGACCTTGTCCGGAACATGTTCCAGCCAACCTGGTAGAAG  
 CCACATCAAACAGTACCGCACAAAACCACCCAGTTATCAAGTCTCCCAAAGGGGCTGCGGAGGAGGC  
 CCCTCCCGGGGGATCGTCATCTACGGGGTCCAGGAAGACAACGGCTCACGTGTGAGAACTTTGCCCTG  
 GACCTGACGCCCCCGCTGAGATTGTCTATAAGTCAGAGCCTGGTACGAGTGACGGCATGAACGTGCTAG  
 GCATCGTCATCTTCTCGGCCACTATGGGCATCATGCTGGGCCGATGGGTGACAGCGGGACCCCCCTGGT  
 CAGCTTCTGTGAGTGCCTTAATGAGTCCGTCATGAAGATCGTGGCAGTGGCAGGGTGGTACTTCCCTTC  
 GGCATTGTCTTCTGATCGCTGGCAAGATCCTGGAGATGGATGACCCCAAGGCTGTGGGGAAGAAGCTGG  
 GCTTCTATGCCGTGACCGTGGTTTGTGGGCTGGTGGTCCACGGTCTCCTAATCCTGCCCTGCTGTATTT  
 CCTCATCACCAGGAAGAACCCATCGTCTTCCATCCGTGGCGTCTCCAAGCTCTGCTCATTGCACTGGCC  
 ACCTCCTCAGCTCAGCCACCTGCCATCACCTTCAAGTGTCTGCTGGAGAACAACCACATCGACCGAC  
 GCATCGCTCGCTTTGTGCTGCCGTGGCGCCACCATCAACATGGACGGCACTGCGCTCTACGAGGCTGT  
 GGCTGCCATCTTTATTGCCAGGTCAACAACACTAGAGCTAGACTTTGGCCAGATCATCACTATCAGCATT  
 ACAGCCACTGCAGCCAGCATTGGGGCGGCTGGCATCCCGCAGGCAGGGCTCGTCACCATGGTCATTGTGC  
 TCACCTCTGTGGGACTGCCGACCGATGACATCAACCTCATCATCGCTGTAGACTGGGCACTGGATCGCTT  
 CCGAACCATGATTAACGTGCTGGGCGATGCGCTGGCAGCAGGGATCATGGCCACATCTGCCGGAAGGAT  
 TTTGCTCAGGACATGGGCACTGAGAAATTGCTGCCCTGTGAAACCAAGCCAGTGACACTGCAGGAGATCG  
 TGGCTGCCAGCAGAACGGCTGTGTGAAGAGTGTGGCTGAGGCCCTCAGAGCTAACCTGGGCCCAAGTG  
 TCCACACCACATCCCGTCCAGGTAGAGCAGGATGAAGAGCTGGCCACTGCCAGCCTAGACCCTGCACT  
 ATCGAGATCAATGAGCTGGAGACCAATGT**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_001108973
- Insert Size:** 1713 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\\_001108973.1](#), [NP\\_001102443.1](#)

**RefSeq Size:** 2786 bp

**RefSeq ORF:** 1713 bp

**Locus ID:** 366432

**Cytogenetics:** 5q34