

## Product datasheet for **RN209628**

### **Slc6a20 (NM\_133296) Rat Untagged Clone**

#### **Product data:**

|                    |  |
|--------------------|--|
| Product Type:      | Expression Plasmids                    |
| Product Name:      | Slc6a20 (NM_133296) Rat Untagged Clone |
| Tag:               | Tag Free                               |
| Symbol:            | Slc6a20                                |
| Synonyms:          | rB21a; Xtrp3                           |
| Vector:            | pCMV6-Entry (PS100001)                 |
| E. coli Selection: | Kanamycin (25 ug/mL)                   |
| Cell Selection:    | Neomycin                               |



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**Fully Sequenced ORF:** >RN209628 representing NM\_133296  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGAGATTAGCAATTAAGGCGGGCGAGCCGCGCCAGAGACCAGGCCCTGACGAGAAGCGAGCGCGGG  
 ACATGGAGAAGGCACGGCCTCAATGGGGCAATCCGCTGCAGTTTCGTTTTCGCCTGTATCTCTACGCCGT  
 GGGTTTGGGCAATGTGTGGCGCTTCCCCTACCTGTGCCAGATGTACGGCGGAGGGAGTTTCTGGTCCCC  
 TACCTCATCATGCTCATTGTGGAGGGGATGCCACTCTTGTACCTGGAGCTGGCTGTGGGGCAGCGCATGC  
 GGCAGGGCAGCATTGGTGCCTGGAGGACCATCAGCCCCTACCTAGTGGTGTCCGTGTTGCCAGTGTGGT  
 GGTCTCCTTCTTCTCTCCATGTACTACAATGTCATCAATGCCTGGGGCTTCTGGTACCTCTTCCACTCC  
 TTCCAGGATCCCCTGCCGTGGTCTGTCTGCCACTGAATAGTAACCGCACAGGCTATGATGAGGAGTGTG  
 AGAAGGCTTCGTGCACACAGTACTTCTGGTACAGGAAAACACTCAACATCTCACCGTCCATCCAGGAGAA  
 TGGAGGAGTGCAGTGGGAGCCAGCCCTGTCCCTCACCTGGCCTGGCTGATGGTATATCTGTGCATCCTG  
 AGAGGCACCGAATCTACTGGCAAGGTGGTCTACTTCACCGCATTGATGCCTACTGTGTTCTTATTATCT  
 ACTTGGTCCGTGGCCTCACACTCCATGGAGCCACCAATGGCCTGATGTACATGTTACACCTAAGATTGA  
 GCAGCTAGCCAACCCCAAGGCTGGATCAATGCAGCCACGCAGATCTTCTTCTACTGGGCTTGGGTTTT  
 GGCAGCCTGATCGCTTTTGGCAGCTACAATGAACCCTCCAACGACTGCCAGAAGCATGCTGTATTGTGT  
 CTGTCAACAACAGCTCCACCTCCATATTTGCCAGCATTGTACCTTCTCCATCTATGGCTTCAAGGCCAC  
 CTTCAACTATGAAAACGCTTAAACAAGGTGATTCTGTGCTGACCAATCTTTTGACCTGAAGATGGC  
 TTTCTGACAGCCAGCAACCTGGAGGAGGTGAAGGACTACCTGGCATCTACTTACCCAAACAAGTACAGTG  
 AAGTGTTCACACACATTAGAAAACGCTGAGCTTGGAAATCAGAGCTGAACACGGCTGTCCAAGGCACAGCCT  
 GGCCCTCATCGTCTACGCTGAGGCCATTAACAAACATGGAAGTGTCCAGCTCTGGTCAAGTCTCTACTTC  
 TTCATGCTGCTGATGCTGGGAATGGGGAGCATGCTTGGAAATACAGCGGCCATCCTCACCCCTCTGACTG  
 ACAGCAAGGTCATCTCCAGCTACCTGCCAAGGAGGCCATTTCCAGGTCTGGTGTGCCTCATTAACTGTGC  
 TGGTGGCATGGTGTCCACCATGGAGGCTGGGAACACTGGTTTGACATATTCAATGACTATGCAGCCACG  
 CTGTCTCTGCTGCTCATTGTGCTGGTGGAGACTATAGCTGTGTGCTACGTGTATGGGCTGAGGAGATTTG  
 AAAGTGTCTTCGGGCCATGACTGGCCGGCCCTCACTGGTACTGGAAGGCCATGTGGGCTTTTGTGAG  
 CCCACTGCTCATCATCGGCTCTTTATCTTCTACCTGAGTACTACATCCTCACGGGAACGCTGCAGTAC  
 CAAGCCTGGGATGCTACTCAGGGGCAGCTGGTGACCAAGGATTACCTCCACATGCACTAGCTGTATCG  
 GTTTGCTGGTGGCTTCATCTACTATGTGCATCCCCTGGTGGCCCTGGGGACTTTCATCAGGAATCGCCT  
 CAAGAGGGGAGGCTCTTCCCCAGTGGCCT**AA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_133296

**Insert Size:** 1851 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\\_133296.1](#), [NP\\_579830.1](#)

**RefSeq Size:** 1950 bp

**RefSeq ORF:** 1851 bp

**Locus ID:** 113918

**UniProt ID:** [Q64093](#)

**Cytogenetics:** 8q32

**Gene Summary:** may act as a neurotransmitter transporter [RGD, Feb 2006]