

## Product datasheet for **RN206759**

### **Slc6a14 (NM\_001037544) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Slc6a14 (NM_001037544) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Slc6a14
Synonyms:	Atb0+
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN206759 representing NM\_001037544  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGACAGATTGAAGTGCCCGAGCTTCTCAAGTGCAGACAGAAGGAGAAAAGTGACAGCTTCATCTGAGA  
 ACTTCCATGTTGGTGAAAATGATGAAAATCAGGAGCGTGGTAACTGGTCCAAAAAATCAGATTATCTTCT  
 TTCCATGTTGGCTATGCAGTGGGATTGGGCAACGTGTGGCGATTCCCTTACCTGACCTACACCAATGGT  
 GGAGGTGCTTTCTTGATACCCTATGCAATTATGCTAGCATTGGCTGGCTTGCCTTTGTTCTTCTTGAAT  
 GTTCACTGGGACAATTTGCTAGCTTAGGTCCAGTTTCAGTTTGGAGGATTTTGCCACTGTTTCAAGGTGT  
 GGGAAACACGATGGTCTGATATCCATTTTTGTGACAATTTATTATAATGCATCATTGCCTATAGTCTT  
 TACTACTATTTGCTTCTTTCAAAGTGTACTGCCATGGGCTAATTGTTCTTCTTGGGCAGACGATA  
 ACTGTAGCAGACAACCAATAGTAACTGGCTGTCGTGTGAGCACAGACACAGGAGGAGACATGTTTATGAA  
 TATAAGCTGGGTAATAGCAACAACCTCACCTGCTTGAATGGTAGTGAAGTTTTTCGGCCAGGACAACCT  
 CCCAGTGAACAGTATTGGGATAAAGTGACGCTTCGGAGGTCAAGTGAATGGATGAAACTGGCGTAATTG  
 TGTGGTACTTAGCACTTTGCCTTCTTAGCTGGATCATAGTTGGAGCAGCACTATTTAAAGGAATCAA  
 ATCCTCTGGCAAGGTGGTATATTTTACAGCTCTTTCCCGTATGTGGTCTTCTCATTCTACTAATACGA  
 GGTGCACTTTGGAGGTGCATCAAAGGCATTTCATATTACATTGGAGCACAGTCAAATTTTACAAAAC  
 TCAGAGAAGCTGAGGTTTGAAGGATGCTGCCACTCAGATATTTTATCCCTTTCTGTGGCTTGGGGTGG  
 CCTAGTGGCTCTGTCATTTACAACAAGTTCAACAACAACCTGTTACTCTGATGCCATTATAGTTTGTCTG  
 ACCAACTGCCTCACTAGTGTGTTTGTGGATTGCGCATTTTTTCTATTCTGGACACATGGCTCATATAT  
 CCGGAAAGGAAGTCTCTCAAGTTGAAAAATCAGGATTTGACTTGGCATTTCATTGCTTATCCGGAAGCACT  
 AGCTCAACTCCCAGGTGGTCCATTCTGGTCCATATTATTTTTCTCATGCTTTTAAACATTGGGTCTGGAT  
 TCTCAATTTGCTTCTATTGAAACAATCACAACAACAATCAAGATTTGTTTCCAAAGCAATGAAACGCA  
 TGAGGGTCTCTATAACTTTGGGATGCTGCTGATTTTGTCTTCTGCTGCTGCTGCTGACTCAGGC  
 TGGAAATTTACTGGGTTCAATTTGATTGATCACTTCTGTGCTGGATGGGGGATCTTAATTGCTGCCATCTT  
 GAAATTGCAGGAATCATCTGGATTTATGGAGGAAATAGGTTTATTGAAGATATAGAAATGATGATTGGAG  
 CAAAAAGATGGCTATTCTGGCTTTGGTGGAGAGCTTGTGGTTTGTGTCATCACTCCTATACTGTTGTCTGC  
 AATTCTAGTCTGGTCACTGGTGAATTTACAGACCTAATTATGCTGATATCCATATCCTGACTGGGGA  
 GTCGCTCTCGGATGGTGTATGATATTTTCTGCATTATTTGGATACCAATTATGGCGATCATAAAAATAG  
 TTCGGGCTGAAGGAAACATCCTTCAGCGTATCATAAAATGCTGTAGACCAGCTTCAAACCTGGGGTCCATA  
 CCTGGA AAAACATCGTGGAGAGAGATATAAAGACATGGCTGAACCTGCAAAGGAGACTGACCACGAAATA  
 CCTACTATTAGTGGCACTAGAAAACCAGAA**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-MluI
- ACCN:** NM\_001037544
- Insert Size:** 1923 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\\_001037544.1](#), [NP\\_001032633.1](#)

**RefSeq Size:** 2138 bp

**RefSeq ORF:** 1923 bp

**Locus ID:** 298340

**Cytogenetics:** Xq34