

## Product datasheet for **RN214955**

### **Slc44a3 (NM\_001013914) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Slc44a3 (NM_001013914) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Slc44a3
Synonyms:	RGD1305808
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN214955 representing NM\_001013914  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGGTTACTCGTGGTGGCCGGGGCGGCAGGAAGACTCCTCTTTGGATATGACAGCTTTGGCAATGTGT  
 GTGGCAAGAGGAACTCTCCGGTGAAGGCGCCCCCTCTCTGGCAGGACATGACTCTAAAAAACATGT  
 GTTCTTTATGAATGCCTGCAATCTGGAAGTCAAAGACAGGGGACGTGGTCCCATGGCCCTCTGTGTATCC  
 AGCTGTCCCGAGAAGCAGCTGGACACCCTGGAAGAGGTCCAGCTTTTCGCCAACATCAATGGCTCTTTCC  
 TGTGTGTATAGTCTGAATTCCTCAACTACACTCAGAGTCCAAGTGCAGATAGACTGTGTCCCAGGCT  
 CCCGGTTCCTCCGAGCAAGCCGTTCCCCTATTTAACCGGTGCATCCCTCAGACCCCGAGTGCTATTCC  
 TTGTTTGCATCGTCTTGCTGAACGATGCCGACGCTCTCCATCGGATTCTAAGTGAATCATGGCAGGAA  
 GAGACACCATCCTCGGCTTGTGTGCTTTGTATTCGCCTTGTCTCTGGCCATGTTGTTACCTCCGATT  
 CATCTCAACGCTCCTGGTCCACATTATCATCTCCTTGGTCATTCTGGGATTGCTGTTTGTCTGTGGTGTG  
 TTCTGGTGGCTGTATTATGACTACACCAATGACCTCAGTACAGAATTGGACACAGAAAAGGAGAATATGA  
 AGTGCATGCTGGCCTTGTCTCATCACCACCGTCGTGACAGTCTTCTCCTGGCCCTGATTTTACCCT  
 CAGAAAGAGAGTGAATTGACGGTTGAGCTTCTCCGAGTCACAAATAAAGCAATCAGCAGATGTCCTTTC  
 CTGCTGTTGCAGCCACTGTGGACATTTGCCATCCTCGTTTTCTCTGGGTCCCTCTGGGTGGCTGTGCTGC  
 TGAGTCTGGGAACCGCAGGACTGCCAGGTGATGGAAGGTGGCCAAGTGAATATAAACCTCTCTCAGG  
 CATTCCGTATCTGTGGTGGTACCATTTAATTGGCCTCATCTGGACTAGTGAATTCATCCTTACGTGCCAG  
 CGGATGACTGTAGCAGGAGCGATGGTCACTTGTATTTCAACAGGAATCAAAATGACCCTCCTGCCCGTC  
 CAATCCTTTCATCTCTCCACACTTTTCTGCTACCATCAAGGAAGTGCAGTGAAGGGTCACTTTTACT  
 CACTGTGACAAGGATCCCAAGAGTCATTTTCATGTACATTTATAGCACCGTGAAAGAGCGGCACAGTGCT  
 TGGCCAAGAGGTGAATTCAGATGCACTACTGTGGGCTTGGTGTCTACCAATTATCCATACCATCTCA  
 ATCAGGACCGTATGCCGACGGCCATTAATGGGACAGACTTTTGTACATCAGCAAAAGACGCGCACAC  
 AATCATATCCAAGAATCAAGTCACTCACGTCTGTTAACTGCTTTGAAACTTTATCATTTTCTGGGA  
 AAGGTGCTGGTGGTGTGCTTACGCGTTTTCGGGGGCTGATGGCGTTAACTACAACCGTGCCTCCAGG  
 TATGGGCCATCCCTCTGCTGCTGGTTCCTTTTCGCCTACTTAGCAGCTCACAGTTTCTATCTGTGTT  
 CGAAACTGTGCTGGATACACTTTTCTGTGCTTGTCTGCGACCTGGAACAAATGATGGATCGTCGGAG  
 AAACCGTACTTTATGGACCCAGGTTTTTGAGTTTTGAAAACGGACCGACCCTTAAACATGCCAGGT  
 CTC AAGGACACAAGAAGTCACTACCAAAATGAAGAGGGGACAGAAGTCCGGCCCATGTGAGAT**AG**

AC**CGGGCCGC**TCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGA  
 TTACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-NotI
- ACCN:** NM\_001013914
- Insert Size:** 1815 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\\_001013914.1](#), [NP\\_001013936.1](#)

**RefSeq Size:** 2302 bp

**RefSeq ORF:** 1815 bp

**Locus ID:** 295417

**UniProt ID:** [Q6AY92](#)

**Cytogenetics:** 2q41