

## Product datasheet for **RN204565**

### **Slc26a7 (NM\_001106638) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Slc26a7 (NM_001106638) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Slc26a7
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN204565 representing NM\_001106638  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGACGGGGCAAAGAGGAAAAAGAGAAGCGTGTGTGGGCAAGATGCACACCCCCACCGAGAAGACA  
 TTAACAGTGGTGAAGAGGCGCTACCTATCTTGAATGGGCACCGCAGTACAATCTGAAGGAAAACCT  
 GCTCCAGACACCGTGTCTGGCGTACTGTTGGCAGTTCACAGGTGACACAAGGGCTGCTCTCGCTATT  
 CTTTCACTGTACACCCAGTTTTTGGTTTATACGGATCTCTGTTTCTGCCATCATTATGCGATATTTG  
 GAATGGGACGCCATGTTGCCACAGGCACCTTTCCTTGACGTCTTGATATCAGCCAATGCTGTGAACG  
 GCTGGTCCCTCAGAGCAATAGAAACCTCACCACACAGAGCAACTCAAGCGTGTGGGCTTATCGGAGTTT  
 GAGCTGCAGAGAATCGGGTTGCAGCAGCCGTTTATTCTTGGGCGGAGTGATTCAGATCTATGCGTATG  
 TTTTGAACATCAAGTCTGTCCAGCTGGAAGCACTGCTCTTGTCTTGTGAGCATTGTTGCTCTTGT  
 CCTCGTTAAAGAGCTGAACGAGCAGTTTAAAGAAAAGATTAAGTTGTTCTTCTGTGACTTAGTTTTG  
 ATCATTGCTGCCTCATTTGCTTGTATTGTACCAACATGGAAAACACATACGGATTAGAAGTAGTTGGGC  
 GCATCCAAAAGGGATCCCTCCGCCCGTGTCTCCCAATGAACATCCTCTCCGCACTGCTCACGGAAGC  
 TTTGCGAGTTGCACTTGTAGGCTACGTGGCCTCGCTGGCTCTCGCACAAGGATCTGCCAAGAAGTTCAA  
 TATTCAGTTGATGACAACCAGGAATTTTGGCCATGGCCTCAGCAACGTGATTCCTTCAATTTCTTCT  
 GCATCCAAAGCGCCGCCCATGGGAAGGACAGCTGGTCTGTACAGCACGGGGCAAAGACAGGTGGC  
 TTGTCTAATATCTTGCAATTTTCTCCTTATAGTCATCTATGCAATAGGACCCTTGTGTACTGGCTGCC  
 AATACTGGAATGTGGATAAAATCGATTGGGGCATATGGATCAGCACTTACATTTTACAATATGCTTCG  
 TGCCAACGTGGGACTGCTTTTGGTGTGCTGCACCATAGCTATCGTGTAGGGCGTTTTCCAAGGGCA  
 AAGACTTTAAGCATAACAGACATGAAAGAAATGGAATTGAAGGTGAAGACAGAAACGTATGATAAACT  
 CGCAACAGATAAAAAATCATCTCAATAAAACAACCCACTGTTTTCTGAATGCAAAGAAATTTAGTGTGA  
 TCTTATGAAAAAATCCTAAAGGAACTGACGGCAGCCAAGCACTTGTATGATGTCAGCAAGTGTGAACAG  
 AACACCTGTCTAGTCCCTGCCAACGGGAGCTGCACTGAAGAAGCCTCCAGCCCTGCCCAAGTGA  
 AGTATTCTTTGGTCTGAATTGCAGTGGCTTACCTTTTTGACTACACAGGAGTCTCCACTTGTGA  
 GCTCTACCTTGATTGCAAGAGCAGGAGTGTGGATGTGTTCTTAGCCAAGTACAGCATCCTTGATAAAA  
 GCGATGACATACTATGGAGACCTAGACTGAAAAACCAATTTTTTTGACTCGGTAGCCACTGCAATAA  
 GTGTCATCCAATCAAATAAGAATTTGAGCAAGGACTGACCACAGTGAAGCT**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_001106638
- Insert Size:** 1806 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\\_001106638.1](#), [NP\\_001100108.1](#)

**RefSeq Size:** 2285 bp

**RefSeq ORF:** 1806 bp

**Locus ID:** 297910

**Cytogenetics:** 5q13