

## Product datasheet for RN213848

### Slc22a18 (NM\_001004260) Rat Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Slc22a18 (NM\_001004260) Rat Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Slc22a18  
**Synonyms:** MGC94186  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >RN213848 representing NM\_001004260  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGTCTGGCCAGCTCCCCAGCAGCATGGTTGCTCTGCCCCGGCAGGGGATCATCATACTCACCTATGTGC  
 TGGCGGCCCTGGAGCTAACATGTCTCTTCATGCAGTTCTCCATCATAACCATATCTGTCTCGGACACTGGG  
 CCTGGATTCTGTCTCCTTTGGTTACCTACAGACGACCTTCGGGGTGTTCAGCTGCTGGGTGGCCCTGTG  
 TTTGGCAGGTTCCGAGACCAGCGGGGAGCCAGAGCAGCACTCACACTCTCCTTCCCTGGCGCCTCTGCTC  
 TGTACCTGCTCCTGGTGGCCTCCTGTAGCCCAGCCCTGCCTGGTGTCTTCTGCTCTTCGCCCTCGGCTCT  
 ACCTGCCGCACTCATGCACACTTCCAGCTGCCAGATGGTCATCACTGATCTGACGGCGCCACAAAG  
 CGGCCACAGCACTGAGCCGGCTGGGCCTCTGCTTTGGCATTGGAGTTATCTTCGGCTCCCTGCTTGGTG  
 GGACCCTTAGCACCGCATACGGGATCCAGTGTCTGCCTTCTGGCTTTTGTGGTCACCCCTTAGGAGC  
 TGTCTCAGCTTTACCTGTATCCCTGTTACCACCAAGGAGGCCAGTGTCCAGTCAGCCATCAGGGTGGA  
 ACCAGTATTTGACCTGAAGGCCATCTCCCGCTGCTGCTGCTGCCAGAGTGTGCCGATTCCTCTG  
 TCAAGGTAATCTCTGGCTTCCCTTCAGGACTCTCATGGTGATGTTCTCCATCATCTCCATGGACTTCTT  
 CCAGCTGGAGGCTGCACAGGCTGGCTACCTCATGTCTTCTTTGGGATCCTCCAGATGATGATCCAAGGC  
 CTGGTTATTGGGAGACTAAGCACCCGTTTTCCAGAGGAAGCCCTGCTGAGATCCAGTGTACTAGTCTTTG  
 CTGTTGTGGCCCTGGCATGGCACTGATGTCCAATGTGTTCCACTTCTGCCTTTTGTGCTGGACTCGT  
 ATTCAGTCTCTGTCTCAACATAGTCACAGACAGCATGCTGACCAAGGCTGTATCTGCTTCAGACACA  
 GGGACCATGTTGGCCCTCTGTGCATCTGTGCATCCATTGACCCGACTGTAGGACCCACCCTGGGTGGCC  
 TGCTGTACCGGAGCTATGGTGTCTCCATCTTGGGCCATGTGCAACTCATGGTGAACCTGCTGTCTATT  
 GGTCTCTGGAAGAAACCATTGTCCAGAAGGGAGACAAAGCCCGTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA



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<b>Restriction Sites:</b>	Sgfl-Mlul
<b>ACCN:</b>	NM_001004260
<b>Insert Size:</b>	1239 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_001004260.1</a> , <a href="#">NP_001004260.1</a>
<b>RefSeq Size:</b>	1495 bp
<b>RefSeq ORF:</b>	1239 bp
<b>Locus ID:</b>	309131
<b>UniProt ID:</b>	<a href="#">Q6AY78</a>
<b>Cytogenetics:</b>	1q42
<b>Gene Summary:</b>	mouse homolog is an organic cation transporter that may play a role in renal function [RGD, Feb 2006]