

## Product datasheet for **RN217033**

### Slc27a4 (NM\_001100706) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Slc27a4 (NM_001100706) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Slc27a4
Synonyms:	Fatp4
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN217033 representing NM\_001100706  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGCTGCTGGAGCATCTCTGGTGGGGGCGCTGCTGTTCTCCAAGCTGGTGTGAAGCTACCTGGACCC  
 AGGTGGGATTCTCCTTGTGCTCCTGTACTTGGGGTCTGGTGGCTGGCGTTTCATCCGGGTCTTCATCAA  
 GACGGTCAGGAGAGATGTCTTCGGCGGCATGGTCTCCTGAAGGTGAAGACCAAGTCCGACGGTACCTT  
 CAGGAGCGGAAGACAGTGCCTTGTGTTGCCTCAGTGGTTCGGCGCCACCCCGACAAGACAGCCCTGA  
 TTTTCGAGGGCACGAATACTCACTGGACCTTCGCCAGCTGGATGACTACTCCAGCAGTGTGCCAACTT  
 CCTGCAGGCCCGGGCCCTGGTCTCAGGCAATGTAGTTGCTCTCTTTATGGAAAACCGTAACGAGTTTGTG  
 GGTCTGTGGCTAGGCATGGCCAAGCTGGGCGTGGAGGCGGCATCATCAACCAACCTTAGCGGGGATG  
 CCCTGCGCCACTGCCTTGACACCTCAAAGGCACGAGCCCTCATCTTTGGCAGCGAGATGGCTCAGCTGT  
 CTATGAGATCCAGGCTATCCTGGACCCCACTCACCTCTTCTGCTCTGGTTCTGGGAGCCAGCACC  
 GTGCCTGCCAACACAGAGCATCTGGACCTCTGCTGGAAGATGCCCGAAGCACCTGCCAGCATCCAG  
 ACAAGGGTTTTACAGATAAGCTCTTCTATATCTACACGTCGGGCACCACGGGGCTACCCAAAGCTGCCAT  
 TGTGGTGCACAGCAGGATTACCGAATGGCTGCCTGGTGTACTATGGATTCCGCATGCGGCCTGATGAC  
 ATGTCTATGACTGCCTCCCCTCTACCACTCAGCAGGAAACATTGTGGGGATTGGCCAGTGCCTACTCC  
 ACGGCATGACTGTGGTATCCGGAAGAAGTTTTCAGCCTCCCGTTCTGGGATGACTGTATCAAGTACAA  
 CTGCACAATTGTACAGTACATTGGTGGCTTTGCCGCTACCTCCTGAACCAGCCACCCCGTAGGCTGAG  
 TCTCGGCACAAGTGGCATGGCACTGGCAACGGTCTCCGGCAGTCCATCTGGACCGACTCTCCAGCC  
 GTTTCCACATTTCCCAAGTGGCCGAGTTCTACGGGGCCACCGAGTGAAGTGTAGCTTGGCAACTTTGA  
 CAGCCAGGTGGGGCCTGTGGCTTCAATAGCCGCATCCTGTCTTTGTGTACCCCATCCGCTTGGTACGA  
 GTCAATGAGGATACCATGGAAGTATCCGGGGACCCGATGGCGTCTGCATTCCCTGTCAACCAGGCCAGC  
 CAGGCCAGCTGGTGGTGCATCATCCAGCAGGACCCCTACGCCGTTTTGATGGCTACCTCAACCAGGG  
 TGCCAACAACAAGAAGATTGCTAGTGTCTTCAAGAAAGGGGACCAAGCCTACCTCACTGGTACGCTG  
 CTGGTATGGATGAGCTGGGCTACCTGTACTTCCGAGACCGCACAGGGGACACGTTCCGCTGAAAGGGG  
 AGAATGTGTCTACCCTGAAGTGGAGGGCACACTCAGCCGCTGCTTCCAGATGGCAGATGTGGCTGTTTA  
 TGGTGTGAGGTGCCAGGAGCTGAGGGCCGAGCAGGAATGGCTGCTGTGGCAAGCCCACTAGCAACTGT  
 GACCTGGAGAGCTTGCACAGACCTTGAAGAAAGGAGCTGCCCTGTACGCCGCCCATCTTCTCCGCT  
 TCTTGCCTGAGCTGCACAAAACAGGAACCTTCAAGTTCAGAAAGACAGAGTTGCGGAAGGAGGGCTTTGA  
 CCCGTCTGTTGTAAAGACCCACTCTTCTATTTGGATGCCCGGACAGGCTGCTATGTTGCACTGGACCAA  
 GAGGCCTATACCCGCATCCAGGCAGGCGAGGAGAAGCT**GTGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_001100706

**Insert Size:** 1932 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).

**OTI Annotation:** Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.

<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>	<u>NM_001100706.1, NP_001094176.1</u>
<b>RefSeq Size:</b>	3067 bp
<b>RefSeq ORF:</b>	1932 bp
<b>Locus ID:</b>	311839
<b>Cytogenetics:</b>	3p12