

## Product datasheet for RN200787

### Slc25a3 (NM\_139100) Rat Untagged Clone

#### Product data:

Product Type: Expression Plasmids  
 Product Name: Slc25a3 (NM\_139100) Rat Untagged Clone  
 Tag: Tag Free  
 Symbol: Slc25a3  
 Synonyms: Phc  
 Vector: pCMV6-Entry (PS100001)  
 E. coli Selection: Kanamycin (25 ug/mL)  
 Cell Selection: Neomycin  
 Fully Sequenced ORF: >RN200787 representing NM\_139100  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCCGCGATCGCC

ATGTTCTCGTCCGTAGCGCACCTGGCGGGCGAACCCTTCAACGCGCCACATCTGCAGCTGGTGCACG  
 ATGTGTCGGGTCCCCGACGCCCCAGGTCCGCCCGCGTCCCGCCACCTGGTCCGCCCGCTGGA  
 AGAGTACAGTTGTGAATTTGGCTCCATGAAGTATTATGCACTGTGTGGCTTTGGTGGGTCTTAAGTTGT  
 GGGCTGACACACTGCTGTTGTTCTCTGGATTTAGTAAAATGCCGCATGCAGGTGGACCTCAGAAGT  
 ACAAGGGCATATTTAATGGTTTCTCATTACATTGAAAGAAGATGGCGTTTCGTGGTTTGGCTAAAGGATG  
 GGCCCAACTTTGATTGGCTATTCATGCAAGGGCTCTGCAAAATTCGGCTTTTATGAAGTCTTCAAAGCC  
 TTATATAGCAACATACTTGGTGAGGAGAACACCTATCTGTGGCGTACATCACTGTATCTAGCTGCTTCTG  
 CCAGTGTGAGTTCTTTGCTGACATTGCCCTGGCTCCTATGGAAGCTGCTAAAGTTCGAATTCAAACCCA  
 GCCTGGCTATGCCAACACTGAGGGAAGCTGTCCCAAAATGTATAAAGAAGAAGGCTTAAATGCGTTC  
 TACAAGGGTGTGCTCCTCTGTGGATGAGACAGATCCCATACACCATGATGAAGTTCAGCTGCTTGAAC  
 GGACTGTTGAAGCTTTGACAAAATTTGGTTTCTAAGCCCCGAAGTGAATGTACAAAGGAGAGAGCAGT  
 GGTTGTGACATTTGTGGCAGTTACATAGCCGGAGTCTTTTGTGCGATTGTCTCTCACCTGCTGACTCT  
 GTGGTCTCTGTGCTGAATAAAGAGAAAGCAGCACTGCCTCTCAGGTCTGCAGAGGCTTGGCTTTAGAG  
 GTGATGGAAGGGCTCTTCGCCGAATCATCATGATTGGCACTCTGACGGCACTGCAGTGGTTTCTCTA  
 TGACTCTGTGAAGGTCTACTTCAGGCTCCCTCGCCCTCTCCACCTGAGATGCCAGAGTCTCTGAAGAAG  
 AAGCTTGGGTTAACTGAGTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI  
 ACCN: NM\_139100



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<b>Insert Size:</b>	1071 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>	<u>NM_139100.2</u> , <u>NP_620800.2</u>
<b>RefSeq Size:</b>	1388 bp
<b>RefSeq ORF:</b>	1071 bp
<b>Locus ID:</b>	245959
<b>Cytogenetics:</b>	7q13
<b>Gene Summary:</b>	a transporter; involved in energy-linked phosphate anion transport [RGD, Feb 2006] Transcript Variant: This variant (2) has an alternate in-frame exon in place of an internal exon compared to variant 1. The resulting isoform (2) has the same N- and C-termini but is slightly shorter and has internal aa differences compared to isoform 1.