

Product datasheet for **RN216468**

Slc25a3 (NM_001270788) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Slc25a3 (NM_001270788) 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: >RN216468 representing NM_001270788
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGTTCTCGTCCGTAGCGCACCTGGCGGGCGAACCCTTCAACGCGCCACATCTGCAGCTGGTGCACG
ATGTGTCGGGTCCCCGAGCCCCCAGGTCCGCCCGCGTCCCGCCACCTGGTCCGCCCGCGTGA
AGAGCAGTATAGCTGTGAATATGGATCTGGCAGATTCTTTATCCCTGTGGACTCGGAGGAATTATTAGC
TGTGGCACAACACATACAGCATTGGTTCCTCTAGATCTGGTAAATGCAGAATGCAGGTGGACCCCTAGA
AGTACAAGGGCATATTTAATGGTTTCTCCATTACATTGAAAGAAGATGGCGTTTCGTGGTTTGGCTAAAGG
ATGGGCCCAACTTTGATTGGCTATTCCATGCAAGGGCTCTGCAAATTCGGCTTTTATGAAGTCTTCAA
GCCTTATATAGCAACATACTTGGTGAGGAGAACACCTATCTGTGGCGTACATCACTGTATCTAGCTGCTT
CTGCCAGTGTGAGTTCTTTGCTGACATTGCCCTGGCTCCTATGGAAGCTGCTAAAGTTCGAATTCAAAC
CCAGCCTGGCTATGCCAACACTGAGGGAAGCTGTCCCCAAATGTATAAAGAAGAAGGCTTAAATGCC
TTCTACAAGGGTGTGCTCCTCTGTGGATGAGACAGATCCCATACACCATGATGAAGTTCGCCTGCTTTG
AACGGACTGTTGAAGCTTTGTACAAATTTGTGGTTCCTAAGCCCCGAAGTGAATGTACAAAGGCAGAGCA
GCTGGTTGTGACATTTGTGGCAGGTTACATAGCCGGAGTCTTTTGTGCGATTGTCTCTCACCTGCTGAC
TCTGTGGTCTCTGTGCTGAATAAAGAGAAAGGCAGCACTGCCTCTCAGGTCTGCAGAGGCTTGGCTTTA
GAGGTGTATGGAAGGGGCTCTTCGCCCGAATCATCATGATTGGCACTCTGACGGCACTGCAGTGGTTCAT
CTATGACTCTGTGAAGGTCTACTTCAGGCTCCCTCGCCCTCCTCCACCTGAGATGCCAGAGTCTCTGAAG
AAGAAGCTTGGTTAACTGAGTAG

ACGGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001270788



Insert Size:	1074 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.
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:	<ol style="list-style-type: none">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:	<u>NM_001270788.1, NP_001257717.1</u>
RefSeq Size:	1391 bp
RefSeq ORF:	1074 bp
Locus ID:	245959
Cytogenetics:	7q13
Gene Summary:	a transporter; involved in energy-linked phosphate anion transport [RGD, Feb 2006] Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).