

Product datasheet for **RR216468**

Slc25a3 (NM_001270788) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Slc25a3 (NM_001270788) Rat Tagged ORF Clone
 Tag: Myc-DDK
 Symbol: Slc25a3
 Synonyms: Phc
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Cell Selection: Neomycin
 ORF Nucleotide Sequence: >RR216468 representing NM_001270788
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTTCTCGTCCGTAGCGCACCTGGCGGGCGGAACCCCTTCAACGCGCCACATCTGCAGCTGGTGCACG
 ATGTGTCGGGTCCCCGACGCCCCAGGTCCGCCCGCGTCCCGCCACCTGGTCCGCCCGCGTGA
 AGAGCAGTATAGCTGTGAATATGGATCTGGCAGATTCTTTATCCTCTGTGGACTCGGAGGAATTATTAGC
 TGTGGCACAACACATACAGCATTGGTTCCTCTAGATCTGGTAAATGCAGAAATGCAGGTGGACCCCTAGA
 AGTACAAGGGCATATTTAATGGTTTCTCCATTACATTGAAAGAAGATGGCGTTTCGTGGTTTGGCTAAAGG
 ATGGGCCCAACTTTGATTGGCTATTCCATGCAAGGGCTCTGCAAATTCGGCTTTTATGAAGTCTTCAA
 GCCTTATATAGCAACATACTTGGTGAGGAGAACACCTATCTGTGGCGTACATCACTGTATCTAGCTGCTT
 CTGCCAGTGTGAGTTCTTTGCTGACATTGCCCTGGCTCCTATGGAAGCTGCTAAAGTTCGAATTCAAAC
 CCAGCCTGGCTATGCCAACACTGAGGGAAGCTGTCCCCAAATGTATAAAGAAGAAGGCTTAAATGCC
 TTCTACAAGGGTGTTCCTCTGTGGATGAGACAGATCCCATACACCATGATGAAGTTCGCCTGCCTTTG
 AACGGACTGTTGAAGCTTTGTACAAATTTGTGGTTCTAAGCCCCGAAGTGAATGTACAAAGGCAGAGCA
 GCTGGTTGTGACATTTGTGGCAGGTTACATAGCCGGAGTCTTTTGTGCGATTGTCTCACCCCTGCTGAC
 TCTGTGGTCTCTGTGCTGAATAAAGAGAAAGGCAGCACTGCCTCTCAGGTCTGCAGAGGCTTGGCTTTA
 GAGGTGTATGGAAGGGGCTCTTCGCCCCAATCATCATGATTGGCACTCTGACGGCACTGCAGTGGTTCAT
 CTATGACTCTGTGAAGGTCTACTTCAGGCTCCCTCGCCCTCCTCCACCTGAGATGCCAGAGTCTCTGAAG
 AAGAAGCTTGGTTAACTGAG

ACGCGTACGCGGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA



[View online »](#)

Protein Sequence: >RR216468 representing NM_001270788
 Red=Cloning site Green=Tags(s)

MFSSVAHLARANPFNAPHLQLVHDVSGPRSPGPPRRSRHLAAAAVEEQYSCEYGSGRFFILCGLGGIIS
 CGTHTHALVPLDLVKCRMQVDPQKYKGI FNGFSITLKEDGVRGLAKGWAPTLIGYSMQGLCKFGFYEVFK
 ALYSNILEENTYLWRTSLYLAASASAEFFADIALAPMEAAKVRITQPGYANTLREAVPKMYKEEGLNA
 FYKGVAPLWMRQIPYTMKFACFERTVEALYKFFVVPKPRSECTKAEQLVVTFFVAGYIAGVFCIAIVSHPAD
 SVVSVLNKEKGSTASQVLQRLGFRGVWKGLFARIIMIGLTLALQWFIYDSVKVYFRLPRPPPEMPESLK
 KKLGLTE

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

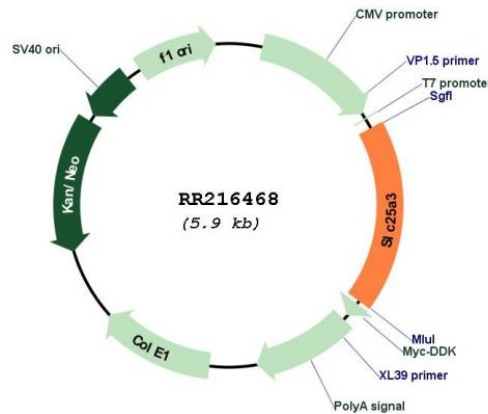
Restriction Sites:

Sgfl-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001270788

ORF Size:	1071 bp
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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:	NM_001270788.1 , NP_001257717.1
RefSeq Size:	1391 bp
RefSeq ORF:	1074 bp
Locus ID:	245959
Cytogenetics:	7q13
MW:	39.6 kDa
Gene Summary:	a transporter; involved in energy-linked phosphate anion transport [RGD, Feb 2006]