

Product datasheet for **RR204745**

Slc2a6 (NM_001106562) Rat Tagged ORF Clone

Product data:

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| Product Type: | Expression Plasmids |
| Product Name: | Slc2a6 (NM_001106562) Rat Tagged ORF Clone |
| Tag: | Myc-DDK |
| Symbol: | Slc2a6 |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |
| Cell Selection: | Neomycin |
| ORF Nucleotide Sequence: | >RR204745 representing NM_001106562 Red=Cloning site Blue=ORF Green=Tags(s) |

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCCCTGGCAAGTCTTCTGCTGCCTTGGCGATGGCTTGCCGTGGCCGGGAGGGGCTGTTCTGGTCA
TGATCCTGCTGCTTAGCTTCATGCCAACTCGCCTCGCTTCTACTGTCTAAGAGCCGGGATGAGGAAGC
ACTGCAGGCGCTGATCTGGCTGCGAGCGGACTCTGAGGTCCACTGGGAGTTTGAGCAGATCCAGGACAAC
GTGCGGAGACAGAGTAGCCGAGTGTCTGGGCGGAGGCCCTGGGAGCCCCGTGTGTACCGCCTATTCTCA
TTACAGTGCTGATGCGTTTTCTGCAGCAGCTGACAGGCATCACTCCCATCCTCGTGTACCTACAGACCAT
CTTCGACAGCACGTCCGTGGTGCTGCCCTCCCAGCAGGATGCAGCTATAGTTGGTGCTGTGAGGCTCCTG
TCTGTGCTGATTGCCGCTGTCACCATGGACCTGGCCGGCCGAAAGTCTGCTCTATGTGCAGCATCCA
TTATGTTTGTGCGCAACCTGACGCTGGGCTGTATGTCCAGCTTGTGCCAAGGACTCTGACCCCAACAG
CACTGTGGAGATCGTGACGCTTGGGGCACGGAGCAGCCCCAGCCGGCCTTCAACTATCTCACCTG
ATACCCCTGCTGGCCACCATGCTCTTCATTATGGGCTATGCCATGGGCTGGGGCCCATCACCTGGCTCC
TCATGTCTGAGGTTCTGCCCTGCGTGCCCGTGGTGTGGCCTCAGGGCTCTGCGTGTGGTGTGAGGCT
CACAGCCTTCGTCTCACTAAGTACTTCTGCTGGCAGTGAATGCCTTCGGCCTCCAGGTGCCTTTCTTC
TTCTTCTCGGCCATCTGCCTGCTCAGCCTGCTTTCACAGGCTGCTGTGTGCCTGAGACCAGGGCCGCT
CGCTGGAGCAGATCGAGGCCCTTCTCCACACTCGCAGGATGTCCTTCAGGCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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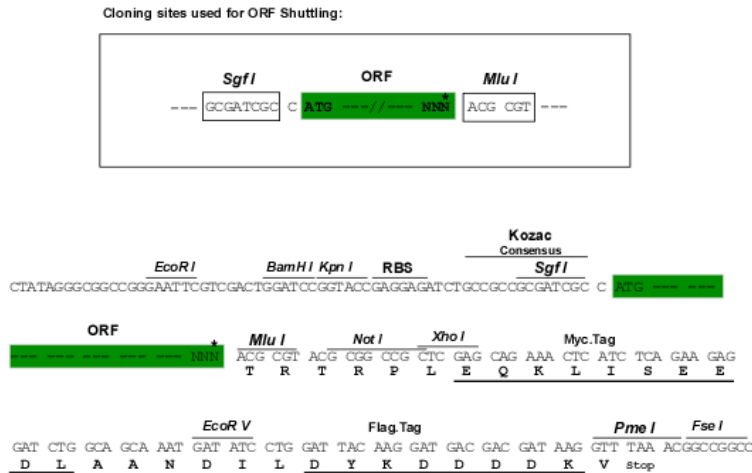
Protein Sequence: >RR204745 representing NM_001106562
Red=Cloning site Green=Tags(s)

MPLASLLL PWRWLAVAGEGPVL VMILL SFMPNSPRFLLSKSRDEEALQALIWL RADSEVHWEFEIQDN
 VRRQSSRVSWAEAWEPVYRPILITVLMRFLQQLTGITPILVYLQTFDSTSVLPSQQDAAIVGAVRLL
 SVLIAAVTMDLAGRKVLLVYSASIMFVANLTLGLYVQLVPRTLTPNSTVEIVTLGGTEQPPAAAFNYLTL
 IPLLATMLFIMGYAMGWGPITWLLMSEVLPLRARGVASGLCVLVSWLTAFLVLT KYFLLAVNAFGLQVPPF
 FFSIAICLLSLLFTGCCVPETRGRSLEQIEAF FHTRRMSFRP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

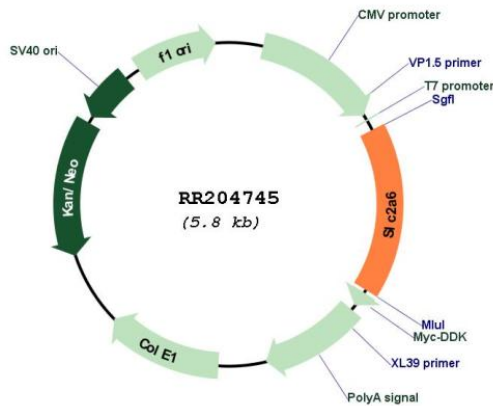
Restriction Sites: SgfI-MluI

Cloning Scheme:



* The last codon before the Stop codon of the ORF

Plasmid Map:



ACCN: NM_001106562

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|-------------------------------|---|
| ORF Size: | 963 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_001106562.1 , NP_001100032.1 |
| RefSeq Size: | 2126 bp |
| RefSeq ORF: | 966 bp |
| Locus ID: | 296600 |
| Cytogenetics: | 3p12 |
| MW: | 35.9 kDa |