

Product datasheet for **RR212567**

Slc26a6 (NM_001143817) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Slc26a6 (NM_001143817) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Slc26a6
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

ORF Nucleotide
Sequence:

>RR212567 representing NM_001143817
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGGACTGCCTGATGGGTCCGACCACGGACACAGCAGACGCAGGCTCTCTGTCTGCAACCCAAGAAA
 TGGAGCTGGAAAAGGAGAGACTACCATGTGGAAAGGCCATTGCTGAACCAAGAGCAGCTAGAGGATCTGGG
 GCACTGGGGTCCAGTGTGGAAGACCCACCCGTGGCGAACTTGGTTTCGATGCTCCCGTGCTCGGGCCAAA
 TCTCTTCTGATCCAGCATGTTCCGGTCTTGGGCTGGTTACCCCGATATCCTGTGCGTGAGTGGCTTTGG
 GTGACCTGTTATCCGGCCTGAGTGTGGCCATCATGCAGCTTCCACAGGGCTTGGCCTATGCCCTCTGGC
 GGGATTGCCTCTATGTTTGGCCTGTACAGTCTTTCTACCCTGTCTTCGTCTACTTCTGTTTGGTACC
 TCTAGACACATCTCTGTGGGACCTTTGCTGTCATGTCTGTGATGGTGGGCGCGTGACAGAATCTCTGA
 CAGCAGATGAGGCCTTCGTGCAAAGCTTGAACACCACAGTCGATGGTCCCGTGTGCAGGTGGCCTACAC
 GCTCAGCTTCTGTTGGCCTTTCCAGGTGGGCTGGGCTGGTACACTTCGGTTTTTGGTGCACCTAC
 CTGTACAGGCCTTTGGTCCGCAGCTATACCACGGCTGCCTCTGTGCAAGTCTCGTCTCCAGCTCAAGT
 ATGTGTTTGGCATCAAACCAACAGTCACTCTGGGCCACTGTCCGTTATCTATACAGTGTGGAGGTCTG
 TGCCACAGCTGCCTAAGACTGTGCCTGGCACCGTGGTACAGCAATCGTGGCAGGAGTGGTGTGGTGGTCTG
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 CACCACAGGGCTGATACCCCAAGTGGCACCCAAGACGGAGCTGTTTGAACGCTTGTGGGAAACGCCCTC
 GCCATTGCCGTGGTGGGCTTCGCCATTGCCATCTCACTGGGGAAGATCTTTGCCCTGAGGCATGGCTACC
 GTGTGGACAGCAACCAGGAGCTGGTAGCCCTTGGCCTCAGTAACCTCATCGGAGGCTTCTCCAGTGCTT
 TCCTGTGAGCTGCTCCATGTCTCGGAGCTTGGTACAGGAGAGCACGGGAGGCAACACGCAGATTGCTGGA
 GCCGTATCTTCCCTCTTTATACTCCTAATTATTGTCAAACCTGGGGAACCTTCCGAGACCTGCCAAGG
 CCGTCTGGCAGCTGTTATCATTGTGAACCTCAAGGGTATGATGAAGCAGTTCTCTGACACTGCTCTCT
 CTGGAAGGCAAAATCGAGTGGACCTGCTAATCTGGCTGGTACCTTTGTGGCCACGATCCTGCTGAACCTG
 GACATCGGCTGGCAGTCTCCATAGTCTTCTCCTTGTGCTCGTGGTATCCGAATGCAGCTGCCCCATT
 ACTCCGCTCTGGGCAGGTGCCAGATACGGATATTTATAGAGACGTGGCAGAATACTCAGGGGCCAAGGA
 GGTCCCGGGTGTGAAAGTCTTCCGTTCTCAGCCACCATGTACTTCGCCAACGCTGAGCTCTACAGTGAT
 TCGCTGAAAAAGAAGTGTGGCGTGGACGTTGACCGCCTCATCACCCAGAAAAAGAAACGAATCAAGAAGC
 AGGAGATGAAGATAAAGCGAATGAACAAAGCCAAGAAAGTCCAGAAACAGGCTGCTTCTTCCAAGATCTC
 CTCAGTTTCTGTCAACGTC AACCAACTTTGAAGACATCAAAGCAATGATGTTGAGGGCTCTGAGGCC
 AAGGTGCACCAAGGGGAGGAGTTGGAGGATGTAGTCGCCAGCAATCAAGAAGATGCCAAGCCCCAATCA
 TGACCTCACTGAAGGCCCTGGGCTGCCTCAGCCAGACTTCCATAGCCTCATCCTAGACTTGAGCACTGT
 CTCCTTTGTGGACACTGTGTGCATCAAGAGCCTGAAAAACATTTTCCGTGACTTCCGGGAGATCGAAGTG
 GAAGTATATATCGCAGCCTGTTACAGTCTGTGGTACCCAGCTTGAAGCTGGACACTTCTTTGATGAGT
 CTATCACTAAGCAGCACGCTTTGCCTCTGTTTCATGACGCCGTGACCTTTGCCCTCCACCACCGGAATC
 TGGCCCTAAGAGCCCTGTTTTGGCCACCAAACCTC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RR212567 representing NM_001143817
 Red=Cloning site Green=Tags(s)

MGLPDGSDHGTQQTQALLSATQEMELERRDYHVERPLLNQEQLEDLGHWGPVSKTHPWRTWFRCSRARAK
 SLLLIQHVPVLGWLPRYPVRELLGDLLSGLSVAIMQLPQGLAYALLAGLPPMFLYSSFPVVFVYFLFGT
 SRHISVGTFAVMSVMVGGVTESLTADAEFVQSLNNTVDGARVQVAYTLSFLVGLFQVGLGLVHFGFVVTY
 LSEPLVRSYTTAASVQVLVSQLKYVFGIKLNHSHGPLSVIYTVLEVCAQLPKTVPGTVVTAIVAGVVLVL
 VKLLNEKLRRRLPLPIPGELLTLIGATAISYGVKLNDRFKVDVVGNIITGLIPPVAPKTELFATLVGNAF
 AIAVVGFAIAISLGIKIFALRHGYRVDNSQELVALGLSNLIGGFFQCFPVSCSMSRSLVQESTGGNTQIAG
 AVSSLFILLIIVKLGELFRDLPKAVLAAVIIVNLKGMKQFSDICSLWKANRVDLLIWLTVFVATILLNL
 DIGLAVSIVFSLLLVVIRMQLPHYSVLGQVPDIDIYRDVAEYSGAKEVPGVKVFRSSATMYFANAELYS
 SLKKKCGVDVDRLLITQKKRIKQEMKIKRMNKAQKSSQQAASSKISSSVNVNTNFEDIKSNDEVEGSEA
 KVHQEGELEDVVASNQEDAKPPIMTSLKALGLPQPDFHSLILDSTVSFVDTVCIKSLKNIFRDFREIEV
 EYVIAACYSPPVTQLEAGHFFDESITKQHVAFASVHDAVTFALHHRKSGPKSPVLATKL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

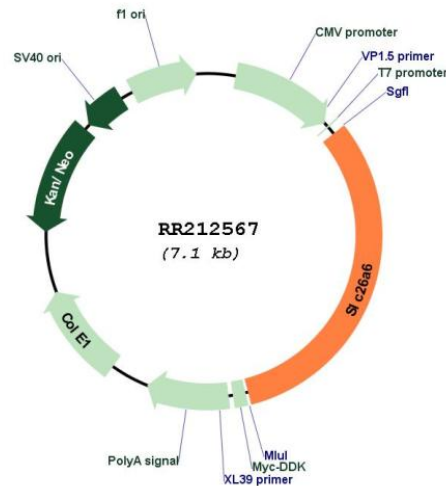
Restriction Sites:

Sgfl-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001143817

ORF Size: 2274 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:

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_001143817.1](#), [NP_001137289.1](#)

RefSeq Size: 2543 bp

RefSeq ORF: 2277 bp

Locus ID: 301010
Cytogenetics: 8q32
MW: 83.1 kDa