

Product datasheet for **RR204997**

Slc35c2 (NM_001107803) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Slc35c2 (NM_001107803) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Slc35c2
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR204997 representing NM_001107803
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**C

ATGGGGAGGTGGGCCCTGGACGTCGCCTTTGTGTGGAAGGCAGCGCTGACCCCTGGGCTGGTTCTTCTAT
ATTACTGCTTCCATAGGCATCAGTTCTACAACAAATGGCTCACAAAGAGCTTCCACTTCCCCTCTT
CATGACCATGCTGCACCTGGCCGTGATCTTCTCTCCGCCCTGCCAGGGCACTGGTCCAGTGCTCC
AGTCACAGGGCCCGGGTGGTCTCAGCTGGACTGACTACCTCAGAAGAGTGGCCCCACAGCACTGGCAA
CAGCACTTGACGTGGCCTGTCCAAGTGGACTTCTCTACATCACTGTGTCTGTACACAATGACCAA
ATCCTCTGCTGTGCTCTTATCCTGATCTTCTCTGATCTTCAAGCTGGAGGAGCTGCGTGACGCGCTG
GTCCTGGTGGTCTGCTCATTGCTGGCGGCTTCTCATGTTTACCTATAAGTCCACGCAGTTCAACGTGG
AGGGCTTTGCCTTGGTCTGGGGCTTCGTTTATTGGCGCATCCGCTGGACCCTTACACAAATGCTTCT
TCAGAAAGCTGATCTCGGTCTCCAGAATCCATTGACACCATGTTCCACCTGCAGCCACTCATGTTTCTG
GGGCTTCCCTCTTTGCCGATTGCAAGGTCTCCATTGTCACCTCTGAGAAGATCTCCGCTTCC
AGGACCCGGGCTGCTCCTGTGGTTCTGGGGAGCCTCCTCCTCGGAGGATTCTGGCCTTTGGCTTGGG
CTTCTCTGAGTTCTTGGTCTCCAGAACCTCGAGCCTCACACTCTCCATTGCTGGCATTTTAAAGGAA
GTCTGCACCTGTATTGGCAGCTCACCTGCTGGGTGACCAGATCAGCCTTCTGAACTGGCTGGGCTTCG
CCCTCTGCCTCTCTGGCATCTCCCTTACGTGGCCCTCAAGGCCCTACATTCCAGAGGTGATGGTGGCC
TAAGCCCCGGAAGGGCTGGGCTCCAGCGCCGACCTGGAGCTGTTGCTCCAGAGCAGCCAGCAGGAGGAG
GACAACGGTGAAGAGGAGTATTTTCATGACCCAGGGGCAGCAG

ACGCGTACGCGGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RR204997 representing NM_001107803
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MGRWALDVAFVWKAALTLGLVLLYYCFSIGITFYNKWLTksFHFPLFMTMLHLAVIFLFSALSRALVQCS
 SHRARVVLsWTDYLRRVAPTALATALDVGLSNWSFLYITVSLYMTKSSAVLFILIFSLIFKLEELRAAL
 VLVLLIAGGLFMFTYKSTQFNVEGFALVLGASFIGGIRWTLTQMLLQKADLGLQNPIDTMFHLQPLMFL
 GLFPLFAVFEGHLSTSEKIFRFQDPGLLLWVLGSLLLGGILAFGLGFSEFLLVSRTSSLTLsIAGIFKE
 VCTLLLAHLLGDQISLLNWLGFALCLSGISLHVALKALHSRGDGGPKPRKGLSSADLELLLQSSQqEE
 DNGEEEFMTQGGQ

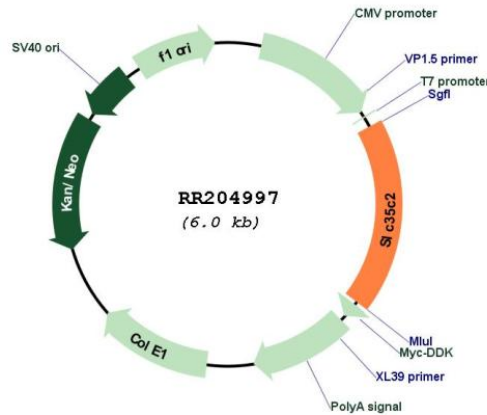
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001107803

ORF Size:	1092 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_001107803.1 , NP_001101273.1
RefSeq Size:	1986 bp
RefSeq ORF:	1095 bp
Locus ID:	311637
Cytogenetics:	3q42
MW:	40.3 kDa