

## Product datasheet for **RC217973**

### SLC26A9 (NM\_052934) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	SLC26A9 (NM_052934) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	SLC26A9
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide  
Sequence:

>RC217973 representing NM\_052934  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGAGCCAGCCCAGGCCCGCTACGTGGTAGACAGAGCCGCATACTCCCTTACCCTCTTCGACGATGAGT  
 TTGAGAAGAAGGACCGGACATACCCAGTGGGAGAGAACTTCGCAATGCCTTCAGATGTTCTCAGCCAA  
 GATCAAAGCTGTGGTGTGGGGCTGCTGCCTGTGCTCTCCTGGCTCCCAAGTACAAGATTAAGACTAC  
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 TGCTGGCCAACTTCTGCAGTCAATGGCCTCTACTCCTCTTCCCTCCTGACCTACTTCTTCT  
 GGGGGTGTTCACCAGATGGTGCAGGTACCTTTGCCGTTATCAGCATCCTGGTGGGTAACATCTGTCTG  
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 CCAGCGTCCCACCTTCGTACCTTCCACACCCTCATCTGGACATGAGTGGAGTCAAGTTCGTGGACTT  
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 TACTGGACTTAGAGCAGGAGATGTTCCGGAGCATGTTTACGCAGAGACCCTGACCGCCCTG

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
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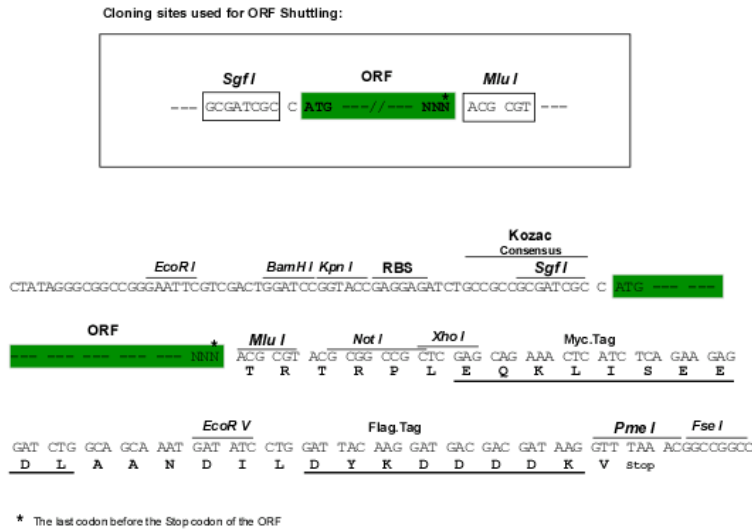
Protein Sequence: >RC217973 representing NM\_052934  
 Red=Cloning site Green=Tags(s)

MSQPRPRYVVDRAAYSLTLFDDEFKDRTPVGEKLRNFRCSAKIKAVVFGLLPVLVSWLPKYKIKDY  
 IIPDLLGGLSGGSIQVPQGMFAALLANLPAVNGLYSSFFPLLTYFFLGGVHQMVPGTFAVISILVGNICL  
 QLAPESKFQVFNATNESYVDTAAMEAERLHVSATLACLTAIIQMGLGFMQFGFVAIYLSSEFIRGFMTA  
 AGLQILISVLKYIFGLTIPSYTGPGSIVFTFIDICKNLPHTNIA SLIFALISGAFVLVKELNARYMHKI  
 RFPITEMIVVVVATAISGGCKMPKKYHMQUIVGEIQRGFPTVSPVVSQWKDMIGTAFSLAIVSYVINLA  
 MGRTLANKHGYDVDSNQEMIALGCSNFFGFFKIHVICCALSVTLAVDAGGKSQVASLCVSLVVMITML  
 VLGIIYLYPLPKSVL GALIAVNLKNSLKQLTDPYYLWRKSKLDCCIWVVSFLSSFFLSLPYGVAVGVAFSV  
 LVVVFTQFRNGYALAQVMDTDIYVNPKTYNRAQDIQGIKIIITYCSPLYFANSEIFRQKVIAKTGMPDQK  
 VLLAKQKYLKQEKRRMRPTQRRSLFMKTKTVSLQELQQDFENAPPTDPNNTQTPANGTSVSYITFSPD  
 SSSPAQSEPPASAEAPGEPDMLASVPPVTFHTLILDMGSVSVVDMGKALAKLSSTYKIGVKVFLV  
 NIHAQVYNDISHGGVFEDGSLECKHVFPSIHDAVLFAQANARDVTPGHNFQAGDAELSLYDSEEDIRS  
 YWDLEQEMFGSMFHAETLTAL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:

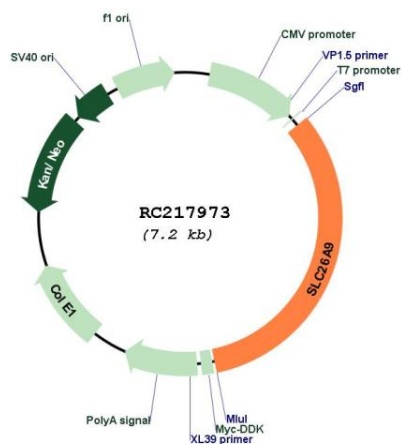


ACCN: NM\_052934

ORF Size: 2373 bp

<b>OTI Disclaimer:</b>	<p>Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at <a href="mailto:custsupport@origene.com">custsupport@origene.com</a> or by calling 301.340.3188 option 3 for pricing and delivery.</p> <p>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. <a href="#">More info</a></p>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol>
<b>RefSeq:</b>	<a href="#">NM_052934.4</a>
<b>RefSeq Size:</b>	4815 bp
<b>RefSeq ORF:</b>	2376 bp
<b>Locus ID:</b>	115019
<b>UniProt ID:</b>	<a href="#">Q7LBE3</a>
<b>Cytogenetics:</b>	1q32.1
<b>Protein Families:</b>	Transmembrane
<b>MW:</b>	87 kDa
<b>Gene Summary:</b>	<p>This gene is one member of a family of sulfate/anion transporter genes. Family members are well conserved in their genomic (number and size of exons) and protein (aa length among species) structures yet have markedly different tissue expression patterns. The product of this gene is a highly selective chloride ion channel regulated by WNK kinases. Alternative splicing results in multiple transcript variants encoding differing isoforms.[provided by RefSeq, Dec 2008]</p>

Product images:



Circular map for RC217973