

## Product datasheet for **RC239206**

### **SLC26A6 (NM\_001281733) Human Tagged ORF Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	SLC26A6 (NM_001281733) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	SLC26A6
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide  
Sequence:

>RC239206 representing NM\_001281733  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCCGCGATCGCC

ATGGGGCTGGCGGATGCGTCGGGACCGAGGGACACACAGGCACTGCTGTCTGCAACACAAGCAATGGACC  
TGC GGAGGCGAGACTACACATGGAACGGCCGCTGCTGAACCAGGAGCATTGGAGGAGCTGGGGCGCTG  
GGGCTCAGCACCTAGGACCCACCAAGTGGCGGACCTGGTTGCAAGTCTCCCGTCTCGGGCCTATGCCCTT  
CTGCTCCAACACCTCCCGGTTTTGGTCTGGTTACCCCGGTATCCTGTGCGTGACTGGCTCCTGGGTGACC  
TGTTATCCGGCCTGAGTGTGGCCATCATGCAGCTTCCGCAGGGCTTGGCCTACGCCCTCCTGGCTGGATT  
GCCCCCGTGTGGCCTCTATAGCTCCTTCTACCCTGTCTTCTACTTCTCTGTTTGGCACTTCCCGG  
CACATCTCCGTGGTGTGGAGGTCTGCTGGAAGCTGCCCCAGAGCAAGGTTGGCACCGTGGTCACTGCAG  
CTGTGGCTGGGGTGGTGTCTGTGGTGGTGAAGCTGTTGAATGACAAGCTGCAGCAGCAGCTGCCCATGCC  
GATACCCGGGAGCTGCTCAGCTCATCGGGCCACAGGCATCTCCTATGGCATGGGTCTAAAGCACAGA  
TTTGAGGTAGATGTCGTGGGCAACATCCCTGCAGGGCTGGTGCCTCCAGTGGCCCCAACCCAGCTGT  
TCTCAAAGCTCGTGGCAGCGCCTTACCATCGCTGTGGTTGGGTTTGGCATTGCCATCTCACTGGGAA  
GATCTTCGCCCTGAGGCACGGCTACCGGTGGACAGCAACCAGGAGCTGGTGGCCCTGGGCTCAGTAAC  
CTTATCGGAGGCATCTTCCAGTGTCTCCCGTGTGCTCTATGTCTCGGAGCCTGGTACAGGAGAGCA  
CCGGGGGCAACTCGCAGGTTGCTGGAGCCATCTTCCCTTTTCTCCTCATATTGTCAAACCTTGG  
GAACTCTTCCATGACCTGCCAAGGCGGTCTGGCAGCCATCATATTGTAACCTGAAGGGCATGCTG  
AGGCAGCTCAGCAGATGCGCTCCCTCTGGAAGGCAATCGGGCGGATCTGCTTATCTGGCTGGTACCT  
TCACGGCCACCATCTTGCTGAACCTGGACCTTGGCTTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGT  
GGTGGTCCGGACACAGATGCCCCACTACTCTGTCTGGGCGAGGTGCCAGACACGGATATTACAGAGAT  
GTGGCAGAGTACTCAGAGCCAAGGAAGTCCGGGGGTGAAGGTCTTCCGCTCCTCGGCCACCGTGTACT  
TTGCCAATGCTGAGTTCTACAGTGTGCGCTGAAGCAGAGGTGTGGTGTGGATGTCGACTTCTCATCTC  
CCAGAAGAAGAACTGCTCAAGAAGCAGGAGCAGCTGAAGCTGAAGCAACTGCAGAAAGAGGAGAAGCTT  
CGGAAACAGGCTGCCTCCCCAAGGGCGCCTCAGTTTCCATTAATGTCAACACCAGCCTGAAGACATGA  
GGAGCAACAACGTTGAGGACTGCAAGATGATGGTGAAGCTCAGGAGATAAGATGGAAGATGCAACAGCCAA  
TGGTCAAGAAGACTCCAAGGCCAGATGGTCCACACTGAAGGCCCTGGGCTGCCTCAGCCAGACTTC  
CACAGCCTCATCTGGACCTGGGTGCCCTCTCCTTTGTGGACACTGTGTGCCTCAAGAGCCTGAAGAATA  
TTTTCCATGACTTCCGGGAGATTGAGGTGGAGGTACATGGCGGCTGCCACAGCCCTGTGGTCAAGCA  
GCTTGAGGCTGGGCACTTCTTCGATGCATCCATACCAAGAAGCATCTCTTTGCCTCTGTCCATGATGCT  
GTCACCTTTGCCCTCAAACACCCGAGGCCTGTCCCGACAGCCCTGTTTCGGTCAACCAGACTC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC239206 representing NM\_001281733  
 Red=Cloning site Green=Tags(s)

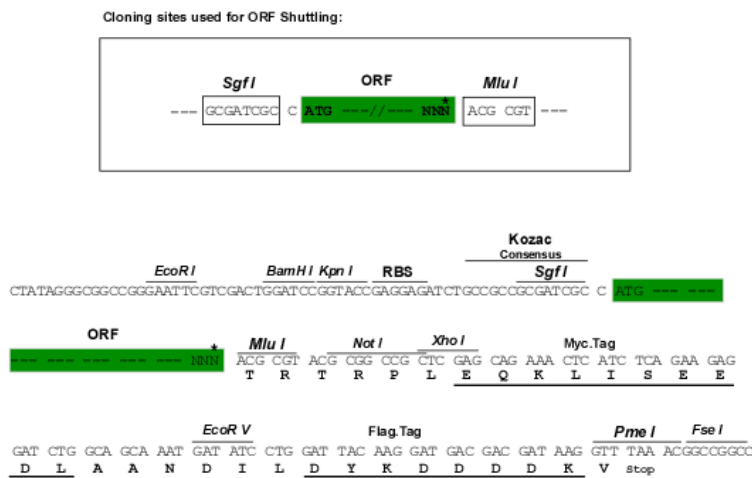
MGLADASGPRDTQALLSATQAMDLRRRDYHMERPLLNQEHLEELGRWGSAPRTHQWRTLQCSRARAYAL  
 LLQHLPLVWLPRYPVRDWLLGDLLSGLSVAIMQLPQGLAYALLAGLPPVFGLYSSFYYPVFIYFLFGTSR  
 HISVVLVLCWKLPPQSKVGTVVTAAVAGVVLVVVKLLNDKLLQQLPMPPIGELLTLIGATGISYGMGLKHR  
 FEVDVVGNIAGLVPPVAPNTQLFSKLVGSAFTIAVVGFAIAISLKGIFALRHGYRVDSNQELVALGLSN  
 LIGGIFQCFPVSCMSRSLVQESTGGNSQVAGAISSLFILLIIVKLGELFHDLPKAVLAAIIIVNLKGM  
 RQLSDMRSLWKANRADLLIWLVTFTATILLNLDLGLVVAVIFSLLL VVVRTQMPHYSVLGQVPDIDIYR  
 VAEYSEAKEVRGVKFRSSATVYFANAEFYSALKQRCGVVDVFLISQKKLLKKQEQLKQLKQKEEK  
 RKQAASPKGASVSINVTSLDMRSNNVEDCKMMVSSGDKMEDATANGQEDSKAPDGSTLKALGLPQPDF  
 HSLILDGALSFVDTVCLKSLKNIFHDFREIEVEVYMAACHSPVVSQLEAGHFFDASITKKHLFASVHDA  
 VTFALQHPRPVPDPSVSVTRL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

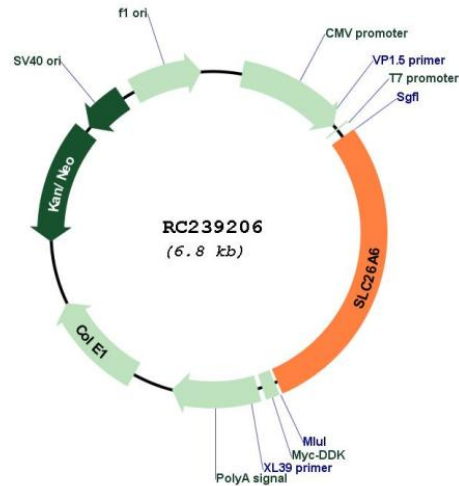
SgfI-MluI

Cloning Scheme:



\* The last codon before the Stop codon of the ORF

## Plasmid Map:



ACCN: NM\_001281733

ORF Size: 1953 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:	<u>NM_001281733.2</u>
RefSeq Size:	2338 bp
RefSeq ORF:	1956 bp
Locus ID:	65010
UniProt ID:	<u>Q9BXS9</u>
Cytogenetics:	3p21.31
Protein Families:	Transmembrane
MW:	72 kDa
Gene Summary:	This gene belongs to the solute carrier 26 family, whose members encode anion transporter proteins. This particular family member encodes a protein involved in transporting chloride, oxalate, sulfate and bicarbonate. Alternatively spliced transcript variants encoding distinct isoforms have been described. [provided by RefSeq, Aug 2013]