

Product datasheet for **SC111839**

SLC26A6 (NM_022911) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SLC26A6 (NM_022911) Human Untagged Clone
Tag:	Tag Free
Symbol:	SLC26A6
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

Fully Sequenced ORF: >NCBI ORF sequence for NM_022911, the custom clone sequence may differ by one or more nucleotides

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ATGGGGCTGGCGGATGCGTCGGGACCGAGGGACACACAGGCACTGCTGTCTGCAACACAAGCAATGGACC
TGCGGAGGCGAGACTACCACATGGAACGGCCGCTGCTGAACCAGGAGCATTTGGAGGAGCTGGGGCGCTG
GGGCTCAGCACCTAGGACCCACCAGTGGCGGACCTGGTTGCAGTGTCTCCGCTGCTCGGGCCTATGCCCTT
CTGCTCCAACACCTCCCGTTTTGGTCTGGTTACCCCGGTATCCTGTGCGTGACTGGCTCCTGGGTGACC
TGTTATCCGGCCTGAGTGTGGCCATCATGCAGTTCGCGAGGGCTTGGCCTACGCCCTCCTGGCTGGATT
GCCCCCGTGTGGCCTCTATAGCTCCTTCTACCCTGTCTTCTACTTCTGTTTGGCACTTCCCGG
CACATCTCCGTGGGGACCTTTGCTGTATGTCTGTGATGGTGGGAGTGTGACAGAATCCCTGGCCCCG
AGGCCTTGAACGACTCCATGATCAATGAGACAGCCAGAGATGCTGCCGGGTACAGGTGGCCTCCACACT
CAGTGTCTGGTGGCCTCTCCAGGTGGGGCTGGGCCTGATCCACTTCGGCTTCGTGGTCACTACCTG
TCAGAACCTCTTGTCCGAGGCTATACCACAGCTGCAGCTGTGCAGTCTTCGTCTCACAGCTCAAGTATG
TGTTTGGCCTCCATCTGAGCAGCCACTCTGGGCCACTGTCCCTCATCTATACAGTCTGGAGGTCTGCTG
GAAGCTGCCCCAGAGCAAGGTTGGCACCGTGGTCACTGCAGCTGTGGCTGGGGTGGTGTCTGTGGTGGT
AAGCTGTTGAATGACAAGCTGCAGCAGCAGCTGCCATGCCGATACCCGGGGAGCTGCTCACGCTCATCG
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TGGACAGCAACCAGGAGCTGGTGGCCCTGGGCCTCAGTAACCTTATCGGAGGCATCTTCCAGTGTTC
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CTGAAGCAGAGGTGTGGTGTGGATGTGACTTCTCATCTCCAGAAGAAGAACTGCTCAAGAAGCAGG
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ATGCAGGTGAGCTCAGGAGATAAGATGGAAGATGCAACAGCCAATGGTCAAGAAGACTCCAAGGCCCCAG
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CATCCATACCAAGAAGCATCTCTTGCCTGTCCATGATGCTGTACCTTTGCCCTCCAACACCCGAG
GCCTGTCCCCGACAGCCCTGTTTCGGTCACCAGACTCTGA
    
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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_022911 unedited
TATTTTGTAAACGACTTACTATAGGGCGGCCGGAATTCGGCACCAGGGCTGCCACATC
TCGGCTGGAGGTATAGCTAGTGCTCATCCTGCAGTCCCTACTTGGGGGACTTTGTCCTAG
AAAGAGGCTTTCTCACCAGCCAAAGTTCAGGACTGCCCTGTCTGAGTTTGACATGTG
GCCACAGATGCCAGCTGGGGCTGGAATACTGTACCTTGATCTTAGGGCCTGGAAAAAT
CAGGTAGGTAACCTCTGGTCTTAGTGGAGGTGAGGGGAGGTTGGGCCAGGGATGCCT
TCACTGTGTCTCTGGTCTTGCCACCCAGACCGAGGGACACACAGGCACTGCTGTCTG
CAACACAAGCAATGGACCTGCGGAGGCGAGACTACCACATGGAACGGCCGCTGCTGAACC
AGGAGCATTTGGAGGAGCTGGGGCGCTGGGGCTCAGCACCTAGGACCCACCAAGTGGCGGA
CCTGGTTGCAGTCTCCCGTCTCGGGCCTATGCCCTTCTGCTCCAACACCTCCCGGTTT
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TGAGTGTGGCCATCATGCAGCTCCGCAGGGCTTGGCCTACGCCCTCCTGGCTGGATTGC
CCCCCGTGTGGCCTCTATAGCTCCTTCTACCCTGTCTCATCTACTTCTGTTGGCA
CTTCCCGGCACATCTCCGTGGNGACCTTTGCTGTATGTCTGTGATGGTGGCAGTGTGA
CAGAATCCCTGGCCCCCGCAGCCTTTGACGACTNCATGATCAATGAGACGCCAGAGATG
CTGCCCGNTACAGGTGGCCNTCCACTCAGTGTCTGGNTGGCCTCTCCAGGTGNNGC
TGGCCTGATCCACTTCGCTTCGTGTCACTACTGTGCAACCTCTGTGAGCTTACACAG
CTGCACTGTGCAGGTCTCGTT

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_022911 unedited
TATTCTGNACCCGGCCGATCTANGATCGATTTTTTTTTTTTTTTTTTTTGGAGCAGACAAAT
CTTTATTCCTGAGGCTAAATATGCACCAGTTCCTCCCTGTACCGCGCCACTGCCAGCC
TGACTGCATGCAGGCCCTGTCCCAGACCTGGAGCGCTGAACTTGGAGTCCCAGGACCTCC
TTCCCTGAGTTGCGTGTGTGCACATGGAGGGGACTCCTGGGCAGCACCTGGAGGGCGGACT
ACGGCTGAGGGGCTCTTTCAGGGTGCCTGCACCCCATGCCCTACCATTGATTACTTTCG
TACCCCTCCAATCCCGCCCCGCCACTCTTTCCCTACCCTTATACCCTCTCCTCCCTC
CCACCCTCCTACTCCTCTCTGTACCCCTCCACCCCAAAATCACCCGCGCCTCATCA
TCTCCCCCACCCCCCCCCCTCCCTCTACGTCCCCCTACCGTTCACTGCCCCCTCT
TCATCCCCCGTATCATCCCCATACCCGCGCTTCGCACTATTACCCTGCATCCCAAT
ATAACCCCATATCCTCTCCCGTCTCCCGTCTCCCGTCTCCCGTCTCCCGTCTCCCGTCT
TCCTCCCTCCCGCACTCCTCCCGTGTCTGCCCCCTAGCCCCATCGCGTCACTCATGCAACC
AGTCTCCCTCCCGACTTACCAATCCCTCTCAGCCTCCAGCAACCCGCCACCCCTC
CTTACCGCACTCCCCCGCCCTCTCGCCCCATCCCCCCCCCTCACCTCGCCCTCC
TTGTTATGCCCTTATCTCAGCCTCCTCCATCCACCCCGCCTCGCTCGCTCCGCTTT
TCTTCTAGTTCATTGCCCCCGTATCCCATCCTTCGCTCCTGCTCCCTCCCTCTA
CACTCTACTCCCTCCCGCTTCCCTAACACACCTACCTGCTCCTCCTGCCATCCCC
CTCGC

Restriction Sites:

NotI-NotI

ACCN:

NM_022911

Insert Size:

2870 bp

OTI Disclaimer:

Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

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_022911.2](#), [NP_075062.2](#)

RefSeq Size: 2662 bp

RefSeq ORF: 2280 bp

Locus ID: 65010

UniProt ID: [Q9BXS9](#)

Cytogenetics: 3p21.31

Domains: Sulfate_transp, STAS

Protein Families: Transmembrane

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]
Transcript Variant: This variant (1), also known as L+Q, encodes the longest isoform (1).