

Product datasheet for **SC310733**

SLC26A6 (NM_001040454) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SLC26A6 (NM_001040454) Human Untagged Clone
Tag:	Tag Free
Symbol:	SLC26A6
Vector:	<u>pCMV6 series</u>



[View online »](#)

Fully Sequenced ORF: >NCBI ORF sequence for NM_001040454, the custom clone sequence may differ by one or more nucleotides

```

ATGGACCTGCGGAGGCGAGACTACCACATGGAACGGCCGCTGCTGAACCAGGAGCATTTG
GAGGAGCTGGGGCGCTGGGGCTCAGCACCTAGGACCCACCAGTGGCGGACCTGGTTGCAG
TGCTCCCGTGCTCGGGCCTATGCCCTTCTGCTCCAACACCTCCCGGTTTTGGTCTGGTTA
CCCCGGTATCCTGTGCGTGACTGGCTCCTGGGTGACCTGTTATCCGGCCTGAGTGTGGCC
ATCATGCAGCTTCCGAGGGCTTGGCCTACGCCCTCCTGGCTGGATTGCCCCCGTGTTT
GGCCTCTATAGCTCCTTCTACCCTGTCTCATCTACTTCCTGTTTGGCACTTCCCGGCAC
ATCTCCGTGGGGACCTTTGCTGTCATGTCTGTGATGGTGGGCAGTGTGACAGAATCCCTG
GCCCCGCAGGCCTTGAACGACTCCATGATCAATGAGACAGCCAGAGATGCTGCCCGGTA
CAGGTGGCCTCCACACTCAGTGTCTGTTGGCCTCTTCCAGGTGGGGCTGGGCCTGATC
CACTTCGGCTTCGTGGTCACTACCTGTCAGAACCTTGTCCGAGGCTATACCACAGCT
GCAGCTGTGCAGGTCTTCGTCTCACAGCTCAAGTATGTGTTTGGCCTCCATCTGAGCAGC
CACTCTGGGCCACTGTCCCTCATCTATACAGTGTGGAGGTCTGCTGGAAGCTGCCCCAG
AGCAAGGTTGGCACCGTGGTCACTGCAGCTGTGGCTGGGGTGGTCTCGTGGTGGTGAAG
CTGTTGAATGACAAGCTGCAGCAGCAGCTGCCCATGCCGATACCCGGGGAGCTGCTCACC
CTCATCGGGGCCACAGGCATCTCCTATGGCATGGGTCTAAAGCACAGATTTGAGGTAGAT
GTCGTGGGCAACATCCCTGCAGGGCTGGTCCCCCAGTGGCCCCAACCCAGCTGTTT
TCAAAGCTCGTGGGCAGCGCCTTACCATCGCTGTGGTGGGTTTGCATTGCCATCTCA
CTGGGGAAAGATCTTCGCCTGAGGCACGGCTACCGGTGGACAGCAACCAGGAGCTGGTG
GCCCTGGGCCTCAGTAACCTTATCGGAGGCATCTCCAGTGTCCCCGTGAGTTGCTCT
ATGTCTCGGAGCCTGGTACAGGAGAGCACCGGGGGCAACTCGCAGGTTGCTGGAGCCATC
TCTTCCCTTTTTCATCCTCCTCATCATTGTCAAACCTTGGGGAACCTTCCATGACCTGCC
AAGGCGGTCTGCGACCCATCATCATTGTGAACCTGAAGGGCATGCTGAGGCAGCTCAGC
GACATGCGCTCCCTCTGGAAGGCCAATCGGGCGGATCTGCTTATCTGGCTGGTGACCTTC
ACGGCCACCATCTTGCTGAACCTGGACCTTGGCTTGGTGGTTGCGGTGATCTTCTCCCTG
CTGCTCGTGGTGGTCCGGACACAGATGCCCCACTACTCTGCTCCTGGGCAGGTGCCAGAC
ACGGATATTTACAGAGATGTGGCAGAGTACTCAGAGGCCAAGGAAGTCCGGGGGTGAAG
GTCTTCCGCTCCTCGGCCACCGTGTACTTTGCCAATGCTGAGTTCTACAGTATGCGCTG
AAGCAGAGGTGTGGTGTGGATGTGACTTCTCATCTCCAGAAGAAGAACTGCTCAAG
AAGCAGGAGCAGCTGAAGCTGAAGCAACTGCAGAAAGAGGAGAAGCTTCGGAAACAGGCT
GCCTCCCCAAGGGCGCCTCAGTTTCCATTAATGTCAACACCAGCCTTGAAGACATGAGG
AGCAACAACGTTGAGGACTGCAAGATGATGCAGGTGAGCTCAGGAGATAAGATGGAAGAT
GCAACAGCCAATGGTCAAGAAGACTCCAAGGCCCCAGATGGGTCCACACTGAAGGCCCTG
GGCCTGCCTCAGCCAGACTTCCACAGCCTCATCTGGACCTGGGTGCCCTCTCCTTTGTG
GACACTGTGTGCCTCAAGAGCCTGAAGAATATTTCCATGACTTCCGGGAGATTGAGGTG
GAGGTGTACATGGCGCCTGCCACAGCCCTGTGGTCAGCCAGCTTGAAGCTGGGCACTTC
TTCGATGCATCCATCACAAGAAGCATCTTTTGCCTCTGTCCATGATGCTGTACCTTT
GCCCTCCAACACCCGAGGCTGTCCCCGACAGCCCTGTTTCGGTCAACCAGACTCTGA

```

Restriction Sites: Please inquire

ACCN: NM_001040454

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).

OTI Annotation: This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

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:	<u>NM_001040454.1, NP_001035544.1</u>
RefSeq Size:	2750 bp
RefSeq ORF:	2217 bp
Locus ID:	65010
UniProt ID:	<u>Q9BXS9</u>
Cytogenetics:	3p21.31
Protein Families:	Transmembrane
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (4), also known as S+Q, contains a distinct 5' UTR and lacks an in-frame portion of the 5' coding region, compared to variant 1. The resulting isoform (4) has a shorter N-terminus when compared to isoform 1.</p>