

Product datasheet for **SC113158**

SLC12A9 (NM_020246) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	SLC12A9
Synonyms:	CCC6; CIP1; hCCC6; WO3.3
Mammalian Cell	None
Selection:	
Vector:	<u>pCMV6-XL6</u>
E. coli Selection:	Ampicillin (100 ug/mL)



Fully Sequenced ORF: >NCBI ORF sequence for NM_020246, the custom clone sequence may differ by one or more nucleotides

ATGGCCAGCGAGAGCTCACCTCTGCTGGCCTACCGGCTCCTGGGGAGGAGGGGTTGCCCTCCCTGCCA
ATGGGGCCGGGGTCTGGAGGGCGTCTGCCGAAGCTGTCCACCTTCTGGGTGTGGTGGTGGCCAC
TGTCTGTCCATGTTACGATAGTTGTTTTCTGAGGATTGGGTTCTGGTGGGTATGCTGGGCTACTG
CAGGCCCTGGCCATGCTGCTGGTTGCCTACTTCATCCTGGCACTACCGTCCTCTCTGTCTGTGCCATCG
CCACCAATGGAGCCGTGCAGGGGGCGGAGCCTACTTCATGATCAGCCGCACACTGGGGCCCGAGGTCGG
GGGCAGCATTGGGCTCATGTTCTACCTGGCTAACGCTGTGTGGCTGTGCCGTCTCCCTCTGGGGCTGGT
GAGTCTGTGCTTGATGTCTTCGGGGCCGATGCCACAGGGCCAGTGGGCTCCGGGTCTGCCACAGGCT
ACGGCTGGAACTGCTGTATGGCTCCCTGCTGCTGGGCTTGTGGTGGGGTCTGCACCTGGGAGCCGG
CCTCTATGCCCGGGCTCATTCTCACATTCTGCTGGTCTCTGGCTCCCTGGCCTCTGTGCTCATCAGT
TTTGTGGCTGTGGGGCCGAGGACATCCGCTTGACTCCTAGGCTGGCCCAATGGCTCCTCCCTGCCGC
CCCGTTTGGCCACTTACCGGCTTCAACAGCAGTACCCTGAAGACAACCTGGGCGTGGCTATGCTGA
GGACTACACACGGGAGCCGTGATGAATTTGCCAGCGTCTTGTGTCTCTTTAACGGCTGTACAGGC
ATCATGGCTGGGGCAACATGTGAGGGAGCTGAAGGACCCAGCCGGGCGATCCCTCTGGGCACGATCG
TCGCGCTCGCTACACCTTCTTCGCTATGTCTGCTTTTCTTCTCTCCAGCTTCACTTGTGACAGGAC
CCTGCTGCAGGAAGACTATGGGTTCTTCGCGCCATCAGCCTGTGGCCCCACTGGTGTGATCGGAATC
TATGCCACAGCGCTCTCAGCGTCCATGAGCTCGCTCATTGGTGCCTCCCGCATCCTCATGCCCTGGCCC
GGGATGACCTCTTGGCGTGATCTTGGCACCGGCAAGGTTGTGTCCGAGGGGAAACCCCTGGGCAGC
TGTACTTTATTCTTGGGGCTGGTGCAGCTGGTGTCTGGCTGGGAAGCTGAACACACTGGCTGCTGTG
GTCACTGTCTTACCTGGTGGCTATGCTGCCGTGGACCTGTCTGCCTGAGCCTGGAGTGGGCTCGG
CCCCAACTTCCGCCCCACCTTACGCTGTCTCTGTCACACCTGCCTGCTGGGGTGGGCTCTGCTGCT
GCTCATGATGTTCTCATCAGTCTGGCGCGGCTGGTGGCTCCCTGCTCCTCATGGGTCTGTGGCTGCC
CTGCTACCCGCGGAGGAGGCCCACTAGCTGGGGTATGTGAGCCAGGCTTGTCTTCCACAGGTGC
GTAAGTATCTGCTTCGGCTGGACGTCCGAAGGATCAGTGAAGTTCTGGCGGCCCACTGCTGCTCCT
GGTGGGGAACCCCGGGGCGCCTGCTCTGCTGCGGTTGGCCAACAGCTTAAGAAGGGGGGCTGTAT
GTGCTGGGCCACGTACCTGGGAGACCTCGACTCCCTGCCCTCGGACCTGTACAGCCGAGTATGGGG
CATGGCTCAGCCTGGTGGACCGTCCCAGGTGAAGGCTTTTGTGGATCTAACCTCTCACCTCCGTGCG
CCAGGGGGCTCAGCATCTGCTGCGAATCTCCGGCTCGGTGGCATGAAGCCCAACACGTTGGTCTAGGT
TTCTACGATGACGCTCCACCGAGGACATTTCTGACGGACCCGGCTTTCTCTGAGCCTGCAGACAGCA
CCAGGGAGGGCAGTTCCCGAGCTCTGAGCACCTGTTCCCTCTCCCGGGCTCCTGGGAGCCCCGGGC
CCTCAATCCCAGGACTATGTGGCCACGTTGGCCGACGCCCTCAAGATGAACAAGAATGTGGTGTGGCC
CGGGCCAGCGGGGCTTGGCCCTGAGCGGCTGAGCGGGGCTGGGGGCACCTCTCAGCTGCACCATG
TGGACGTGTGGCCCTCAACCTGCTGCGGCCCGGGGTGGGCCCGGCTATGTGGATGTCTGCGGCTCTT
CCTGCTGCAGATGGCAACCATCTTGGCATGGTGGCCGCTTGGCATAGCGCCCGGCTCCGGATCTTCTG
TGCTGGGGCTCGGGAGGCGCTGGGGCGGCGAGGGGCGGCTGCGGGCACTGCTGAGCCAACGAGGA
TCCGGCTGAGGTGAGGAGGTGGTGTGGGGCAGGGGCGGGGCTGGGAACCCGAGCGGAGGAGGA
AGGGGACTTTGTGAACAGTGGGCGGGGAGACGAGAGGAGAGGCCCTGGCACGAGCGCCAACGCCCTG
GTTCCGGGCCAGCAGGGGCGCGGCACAGGAGGAGGGCGGGTGGGCCGAGGGTGGGGATGCTGAGGGCC
CCATCACAGCCCTACCTTCTGTACTTGCTCGGCCGCCAGCCGATCCCGCCGATACCCCGCTACCT
GGCGTACTGGAGACTTAACCCGAGACCTGGGCCCCACGCTGTGTTTATGGGTCACTCCAGTCACC
TGCACTGATCTGTGA

5' Read Nucleotide

Sequence:

>OriGene 5' read for NM_020246 unedited
TATTTCCCGCCGTTGNCGCAAAGGGCGGTAGGCGTGTACGGTGGGAGGTCTATATAA
GCAGAGCTCATTTAGGTGACACTATAGAATACAAGCTACTTGTCTTTTGCAGCGGCCG
CGAATTCCGGCAGGAGGCCGGCTCGCGGGGATCGCCCCGAGCGCTGCGTCTGCGGGTGG
GTCACCTAACCCATTTGTGGCTTCTCTACCTGTGCTCAGCCATGGCCAGCAGAGCTCA
CCTCTGCTGGCCTACCGCTCCTGGGNGAGGAGGGGTTGCCCTCCCTGCCAATGGGGC
CGGGGCTCTGGAGGGCGTCTGCCGGAAGCTGTCCACCTTCTGGGTGTGGTGGTCC
CACTGCTCTGTCATGTTGAGCATAGTTGTTTTCTGAGGATTGGGTTCGTGGTGGGTCA
TGCTGGGCTACTGCAGGCCCTGGCCATGCTGCTGGTTGCCCTACTTCATCCTGGCACTCAC
CGTCTCTCTGTCTGTGCCATCGCCACCAATGGAGCCGTGAGGGGGCGGAGCCTACTT
CATGATCAGCCGACACTGGGGCCGAGGTGCGGGGCGAGCATTGGGCTCATGTTCTACCT
GGCTAACGTCTGTGGCTGTGCCGTCTCCCTCCTGGGGCTGGTGGAGTCTGTGCTTGATGT
CTTCGGGGCGCTGGCTATGCTGAGGACTACACCAGGGAGCCGTGATGAATTTGCCAG
CGTCTTTGCTGCTCTTTACGGCTGTACAGGCATCATGGCTGGGGCCACATGTCAGGG
GAGCTGAAGGACCCAGCCGGGCGATCCCTCTGGGCAGCATGTCGNCGTCGCCTACACC
TTCTTCGTCTATGCTGCTTTTCTTCTCTCCAGCTTCACTTTGTGACAGGACCCTGCT
GCANGAAGACTATGGGGTTNCTTCCGCGCCATCAGCCTGGG

3' Read Nucleotide

Sequence:

>OriGene 3' read for NM_020246 unedited
AAACTTAGGTACGTGGCCGCTCACTGNGTTCAGTTTTTTTTTTTTTTTTTGGTGTGTTG
GTCTTTTATTCATGGGTGAGCAGAAAGTTAGGAAAAATAAAACAGAACGAAACTCACCAC
CCCAGTGGGCGCGTGAGTCTGGCCAAAATGGGGAAGTGAAGTACCCAGAGTCACAGAG
GAGGCTGGCCCCTAGCATCAAGGCACAGTGAAGGGATGCTGCGGACTCCCTCCCTGTC
ACGGTGGGGACAGCCACCCAGAGTTAGTGTGCTGGGGTCCCTCTGCCAAAGGAGGTGGGC
GTGATGCCCAAGCCAGGATCCCTTCAAACCTCCCTGGGCTCCAGTCCCAAGGGCAG
GGCCACGGGCCACAGTGGCCTCCTTCTCTCTCTCAAGGATCAAGATAGGCCGCTG
CCTGGGCCCTCTCTACCTAGCCCTGGAGGCAGGGCATCACAGATCAGTGCAGGTGACTG
GAGTGACCCCATGAACAGCAGCGTGGGGCCAGGTCTCGGGTTAGAGTCTCCAGTAGCG
CCAGGTAGCGGGGTATCGGGCGGGATCGGCTGGCGGCCGAGGCAAGTACAGGAAGGTGA
GGGCTGTGATGGGGCCCTCAGCATCCCCACCTCCGGCCACCCGGCCCTCCTTCTGTGC
CGCGCCCTGCTGGGCCGAACAGGGCGTTGGCGTGCCTGCCAGGGCCTCTGCCTCTG
CGTCTTCCCGNCCACTGTTCAAAAGTCCCTTTCTCTCTCGGCTCGGGGTGCCCCAGG
CCCCGGGCCCTTNGGCCAAACNCTTCATGTAAGTAAAGCCCCGGATCCTCAGTTGGC
TCTAACAGTGCCCGCAGCCGCCCTCGGGCCGGCCAGAGGCTCCCGAAGGCCCCAGGC
CAGGAAGATCCGAAA

Restriction Sites:

NotI-NotI

ACCN:

NM_020246

Insert Size:

3500 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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_020246.2, NP_064631.2</u>
RefSeq Size:	3322 bp
RefSeq ORF:	2745 bp
Locus ID:	56996
UniProt ID:	<u>Q9BXP2</u>
Cytogenetics:	7q22.1
Protein Families:	Druggable Genome, Transmembrane
Gene Summary:	May be an inhibitor of SLC12A1. Seems to correspond to a subunit of a multimeric transport system and thus, additional subunits may be required for its function.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (1).