

Product datasheet for **SC110879**

SLC66A2 (NM_025078) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SLC66A2 (NM_025078) Human Untagged Clone
Tag:	Tag Free
Symbol:	SLC66A2
Synonyms:	PQLC1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_025078, the custom clone sequence may differ by one or more nucleotides

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ATGGAGGCCGAGGGCCTGGACTGGCTCCTGGTGCCACTGCACCAGCTGGTGTCTGGGGCGCGCCGCGG
CCATGGTCTTCGGAGGGGTGGTGCCTACGTCCCAGCATCGGGACATTCGAGGACGCAGAACGCCGA
CGGCTTCTCCACCTACGTGTGCCTGGTGTCTGGTGGCCAACATTTGCGGATACTCTTCTGGTTTGA
AGGCGCTTTGAGTCCCCGCTGCTGTGGCAGAGCGCCATCATGATCCTGACCATGCTGCTGATGCTGAAGC
TGTGCACCGAGGTCGGTGTGGCCAACGAGCTCAACGCCAGGCGCCGCTCCTTTACAGCTGCAGATAGCAA
GGATGAAGAAGTCAAGGTTGCCCCAGGCGGTCTTCTGGACTTCGACCCCACTTCTGGCAGTGG
AGCAGCTTCTCGGACTACGTGCAGTGCCTCCTGGCCTTACGGGGGTGGCGGGCTACATCACCTACCTGT
CCATTGACTCCGCCCTGTTTGTGGAGACCCTGGGCTTCTGGCTGTGCTGACCGAAGCCATGCTGGGTGT
GCCCCAGCTTTACCGCAACCACCGCCACCAAGTCCACGGAGGGCATGAGCATCAAGATGGTGTCTATGTGG
ACCAAGTGGTGACGCCTTCAAGACGGCCTACTTCTGCTGAAGGGTGCCCTCTGCAGTTCTCCGTGTGCG
GCCTGTGTCAGGTGCTGGTGGACCTGGCCATCCTGGGGCAGGCTACGCCTTCGCCCGCCACCCCAAGAA
GCCGGCGCCCCACGCCGTGCACCCCACTGGCACCAAGGCCCTCTGA
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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_025078 unedited GGGTCAACAATTTGTATACGACTCACTATAGGCGGCCGCGAATCGGCACCAGCCTGGTGC CACTGCACCAGCTGGTGTCTGGGGCGCGGCCGCGCCATGGTCTTCGGAGGGGTGGTGC CCTACGTCCCAGCATCGGGACATTCGCAGGACGCAGAACGCCGACGGCTTCTCCACCT ACGTGTGCCTGGTGTCTGGTGGCCAACATTTGCGGATACTCTTCTGGTTTGAAGGC GCTTTGAGTCCCCGCTGCTGTGGCAGAGCGCCATCATGATCCTGACCATGCTGCTGATGC TGAAGCTGTGCACCGAGGTCCGTGTGGCCAACGAGCTCAACGCCAGGCGCCGCTCTTTA CAGCTGCAGATAGCAAGGATGAAGAAGTCAAGGTTGCCCCAGGCGGTCTTCTCTGGCAT CAAGATGGTGCTCATGTGGACAGTGGTACGCCTTCAAGACGGCCTACTTCTCTGTGAA GGGTGCCCTCTGCAGTTCTCCGTGTGCGGCTGCTGCAGGTGCTGGTGGACCTGGCCAT CCTGGGGCAGGCCTACGCCTTCGCCGCCACCCCAAGAAGCCGGCGCCCCAGCCGTGCA CCCCACTGGCACCAAGGCCCTCTGACAGTGGGGAGGACGAGGATGTGGGACGCCAGCCG CGGGCACTGGTGGGCCCTGACCTCCCCGCGGGGAGGGTGGGGTGCCGTGCCCTGCNAGT GTGGCAGAGATGGGGCACGGCATTNNGGTCTNCATCAGCCTCTGTGGGTGTCTCAGGN TGGGCANNTGGGGTGGGGCTGGNACGCTGTTTGTCTCAACGGGGACAGNCCAGGGTTGA TCTGGCCCCGAGGGTTTTGGATGTTTTAGGATGACATAAAAAGCAGGTGTTTTCCCA TTTCTCTATGAAACACCGNCTGAGCCCC
Restriction Sites:	NotI-NotI
ACCN:	NM_025078
Insert Size:	2300 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:	<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:	NM_025078.3 , NP_079354.2
RefSeq Size:	2490 bp
RefSeq ORF:	816 bp
Locus ID:	80148
UniProt ID:	Q8N2U9
Cytogenetics:	18q23
Domains:	CTNS
Protein Families:	Transmembrane