

Product datasheet for **SC123190**

SLC23A3 (NM_144712) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	SLC23A3
Synonyms:	E2BP3; SVCT3; YsplI
Mammalian Cell	None
Selection:	
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



Fully Sequenced ORF:

>OriGene sequence for NM_144712 edited
 CAAGGCAGCATGAGCCGATCACCCCTCAATCCCAGCCAACCTCCGATCAGTGGGCTCCAG
 GATGCCCTGGCCCCCTTGCCCTCCACCTGCTCCCCAGAATCCCTCCACCCACTCTTGGGAC
 CCTTTGTGTGGATCTCTGCCTTGGGGCCTCAGCTGTCTTCTGGCTCTGCAGCATGTCTTG
 GTCATGGCTTCTCTGCTCTGTGTCTCCACCTGCTCCTGCTTTCAGTCTCTCCCCAGGA
 GGACTCTCTTACTCCCCTTCTCAGCTCCTGGCTCCAGCTTCTTTTCATGTGGTATGTCT
 ACCATCCTGCAAACTTGATGGGCAGCAGGCTGCCTCTGTCCAGGCTCCATCCTTAGAG
 TTCTTATCCCTGCTCTGGTGTGACCAGCCAGAAGCTACCCCGGGCCATCCAGACACCT
 GGAAACTCCTCCCTCATGCTGCACCTTTGTAGGGGACCTAGCTGCCATGGCCTGGGGCAC
 TGGAACACTTCTCTCCAGGAGGTGTCCGGGGCAGTGGTAGTATCTGGGCTGTGCAGGGC
 ATGATGGGGCTGCTGGGGAGTCCCGGCCACGTGTTCCCCACTGTGGGCCCTGGTGTCTG
 GCTCCCAGCCTGGTTGTGGCAGGGCTCTCTGCCACAGGGAGGTAGCCCAAGTTCTGCTTC
 ACACACTGGGGGTGGCCTTGCTCACCTGGGCTCCTGCCAGTTTCATGTGTGCCCTGGA
 GGCGAGCTTCAACGTCACTCACTCACCTCCTCTCCCTGTCTTCCGGCTCCTTTCGGAAC
 TGTCTGCCCCACCAAGGCACCATGGATTTGGCTGCCTCACCAGGCTGGATCTCAGCAA
 GTGGCTCACTTAGTGGGGCTACTCTGCGTGGGGCTTGGACTCTCCCCAGGTTGGCTCAG
 CTCCTCACCACCATCCCACTGCCTGTTGTTGGTGGGGTGTGGGGGTGACCCAGGCTGTG
 GTTTTGTCTGCTGGATTCTCCAGCTTCTACCTGGCTGACATAGACTCTGGGCGAAATATC
 TTCATTGTGGGCTTCTCCATCTTATGGCCTTGTCTGTCCAAGATGGTTTCGGGAAGCC
 CCAGTCTGTTCAGCACAGGCTGGAGCCCTTGGATGTATTACTGCACTCACTGCTGACA
 CAGCCCATCTTCTGGCTGGACTCTCAGGCTTCTACTGGAGAACACGATTCTTGGCACA
 CAGCTTGAGCGAGGCTAGGTCAAGGGCTACCATCTCCTTTCAGTCCCAAGAGGCTCGA
 ATGCCCTCAGAAAGCCAGGGAGAAGGCTCAAGTGTACAGACTTCTTTCCTCATCCAAAC
 CTCTGTCCCTGCATCCCCCAGCCTCTCCACTGCCTCTGCCACTGCCTGAAGACCCTGGG
 GATGAGGAAGGAGGCTCCTCTGAGCCAGAAGAGATGGCAGACTTGTGCTGCTGAGG
 GAGCCATGCCCTGAATCTAGCAGAGAAGGGTTTAGGTCCCAGAAATGACCAGAACGCCTA
 CTTCTGCCCTGGTTAATTTAGCCCTAACTCTCATCTGCTGGAGAGTCAGCTCCAACTG
 TTCTTTCTTGTAGGCAGAGGATATGTGTGTGTATTACATGGGACTGTCTAGAGGTTCC
 ATTTCCCAATAGGGTGGGTTGCCTTTCCTTGTCTTAATTAGGCCTAACTGTTCCAGAGCA
 GAGGCCATGATTTAGTGGACCATGAATGATTGAGATTTGCCTGTGTACTATCAATGCCA
 CTTGAACCCAGCATTCACTTTAATACTTACTGAGCATCTCCCATGTGCAAGGTCCTGGA
 ACTACAGGGATAAGACAGGGTCCATGCCGTCTCAAGGCATTTACGGTTTAAAAAGACCTT
 TGTAATTACTAACGAAATGCAAGCAGAAAGCAGTCTGTAATAAGATTAAAAATAATGC
 CGTGGGAGCAAA
 AA

**5' Read Nucleotide
Sequence:**

>OriGene 5' read for NM_144712 unedited
 GGTTACAGGATATTTGTATACGACTCACTATAGGGCGGCGCGACATTCCCGGAATCAAGC
 AGCATGAGCCGATCACCCCTCAATCCCAGCCAACCTCCGATCAGTGGGCTCCAGGATGCC
 CTGGCCCCCTTGCCCTCCACCTGCTCCCCAGAATCCCTCCACCCACTCTTGGGACCTTTG
 TGTGGATCTCTGCCTTGGGGCCTCAGCTGTCTTCTGGCTCTGCAGCATGTCTTGGTCATG
 GCTTCTCTGCTCTGTGTCTCCACCTGCTCCTGCTTTCAGTCTCTCCCCAGGAGGACTC
 TCTTACTCCCCTTCTCAGCTCCTGGCTCCAGCTTCTTTTCATGTGGTATGTCTACCATC
 CTGCAAACTTGGATGGGCAGCAGGCTGCCTCTTGTCCAGGCTCCATCCTTAGAGTTCCTT
 ATCCCTGCTCTGGTGTGACCAGCCAGAAGCTACCCCGGGCCATCCAGACACCTGGAAC
 TCCTCCCTCATGCTGCACCTTTGTAGGGGACCTAGCTGCCATGGCCTGNGGCACTGGAAC
 ACTTCTCTCCAGGAGGTGTCCGGGGCAGTGGTAGTATCTGGGCTGCTGCAGGGCATGATG
 GGGCTGCTGGGGAGTCCCGGCCACGTGTTCCCCACTGTGGGCCCTGGTGTGGCTCCC
 AGCCTGGTTGTGGCAGGGCTCTCTGCCACAGGAGGTAGCCCAAGTTCTGCTTACACACT
 GAGGGTTGGCCTTGTCTACCTGGGCTCCTGCCAGTTTCATGTGTGCCCCGGAAGCGAGC
 TTCAACGTCACTCACTCACCTCCTCTCCCTGTCTTCCGGCTTCTTTCGGGACTGTCTG
 CCCCCACCAAGGCACCATGGATTTGGCTGGCTCACCAGGCTGGATCTCAGCCAGTGGCT
 CACTTAGTGGGGCTACTCTGCGTGGGGCTGG

Restriction Sites:

Please inquire

ACCN:	NM_144712
Insert Size:	2036 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_144712.2</u> , <u>NP_653313.2</u>
RefSeq Size:	2036 bp
RefSeq ORF:	1479 bp
Locus ID:	151295
UniProt ID:	<u>Q6PIS1</u>
Cytogenetics:	2q35
Protein Families:	Transmembrane