

Product datasheet for **SC326114**

SLC23A3 (NM_001144890) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	SLC23A3
Synonyms:	E2BP3; SVCT3; YsplI
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF:

>SC326114 representing NM_001144890.
Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAAATTTTGTAAACGACTCACTATAGGGCGGCCGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGAGCCGATCACCCCTCAATCCCAGCCAACTCCGATCAGTGGGCTCCAGGATGCCCTGGCCCCCTTG
CCTCCACCTGCTCCCCAGAATCCCTCCACCCACTCTGGGACCTTTGTGTGGATCTCTGCCTTGGGGC
CTCAGCTGTCTTCTGGCTCTGAGCATGTCTTGGTCATGGCTTCTCTGCTCTGTGTCTCCACCTGCTC
CTGCTTTGAGTCTCTCCCCAGGAGGACTCTTACTCCCCTTCTCAGCTCCTGGCCTCCAGCTTCTTT
TCATGTGGTATGTCTACCATCTGCAAACTTGGATGGGCGAGGCTGCCTCTGTCCAGGCTCCATCC
TTAGAGTTCCTTATCCCTGCTCTGGTGTGACCCAGCCAGAAGCTACCCCGGGCCATCCAGACACCTGGA
AACTGTGAGCACAGAGCAAGGGCAAGGGCCTCCCTCATGCTGCACCTTTGTAGGGGACCTAGCTGCCAT
GGCCTGGGGCACTGGAACACTTCTCTCCAGGAGGTGTCCGGGGCAGTGGTAGTATCTGGGCTGCTGAG
GGCATGATGGGGCTGTGGGGAGTCCCGGCCACGTGTCCCCCACTGTGGGCCCTGGTGTGGCTCCC
AGCCTGGTTGTGGCAGGGCTCTCTGCCACAGGGAGGTAGCCAGTTCTGCTTACACACTGGGGGTTG
GCCTTGCTGGTTATCCTGCTCATGGTGGTCTGTTCTCAGCACCTGGGCTCCTGCCAGTTTCATGTGTGC
CCCTGGAGGCGAGCTTCAACGTCATCAACTCACACTCCTCTCCCTGTCTCCGGCTCCTTTCGGTGCTG
ATCCCACTGGCCTGTGTGTGGATTGTTTCTGCCTTTGTGGGATTAGTGTATCCCCAGGAAGTGTCT
GCCCCACCAAGGCACCATGGATTTGGCTGCCTCACCAGGTGAGTGAATTGGCCTTGTGACGCC
AGAGCTCTGGCTGCAGGCATCTCCATGGCCTTGGCAGCCTCCACAGTTCCCTGGGCTGCTATGCCCTG
TGTGGCCGGCTGTGCATTTGCCTCCCCCACTCCACATGCCTGCAGTCGAGGGCTGAGCCTGGAGGGG
CTGGGCAGTGTGTGGCCGGCTGTGGGAAGCCCCATGGGCACTGCATCCAGCTTCCCCAACGTGGGC
AAAGTGGGTCTTATCCAGGCTGGATCTCAGCAAGTGGCTCACTTAGTGGGGCTACTCTGCGTGGGGCTT
GGACTCTCCCCAGGTTGGCTCAGCTCCTCACCACCATCCCACTGCCTGTTGTTGGTGGGGTGTGGGG
GTGACCCAGGCTGTGGTTTTGTCTGTCTGGATTCTCCAGCTTCTACCTGGCTGACATAGACTCTGGGCGA
AATATCTTCATTGTGGGCTTCTCATCTTCATGGCCTGTCTGCTGCCAAGATGGTTTCGGGAAGCCCCA
GTCCTGTTCAGCACAGGCTGGAGCCCTTGGATGTATTACTGCACTCACTGCTGACACAGCCCATCTTC
CTGGCTGGACTCTCAGGCTTCTACTAGAGAACGATTCTGGCACACAGCTTGAGCGAGGCCTAGGT
CAAGGGCTACCATCTCCTTTCACTGCCCAAGAGGCTCGAATGCCTCAGAAGCCAGGGAGAAGGCTGCT
CAAGGTACAGACTTCTTTCCCCATCCAAACCTCTGTCCCTGCATCCCCAGCCTCTCCACTGCCTC
TGCCCACTGCCTGAAGACCTGGGGATGAGGAAGGAGGCTCCTCTGAGCCAGAAGAGATGGCAGACTTG
CTGCCTGGCTCAGGGGAGCCATGCCCTGAATCTAGCAGAGAAGGGTTAGGTCCCAGAAATGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

Restriction Sites:

SgfI-MluI

ACCN:

NM_001144890

Insert Size:

1857 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).

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:	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_001144890.1</u>
RefSeq Size:	2418 bp
RefSeq ORF:	1857 bp
Locus ID:	151295
UniProt ID:	<u>Q6PIS1</u>
Cytogenetics:	2q35
Protein Families:	Transmembrane
MW:	65.5 kDa