

Product datasheet for **SC100077**

SLC39A3 (NM_144564) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SLC39A3 (NM_144564) Human Untagged Clone
Tag:	Tag Free
Symbol:	SLC39A3
Synonyms:	ZIP-3; ZIP3
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_144564, the custom clone sequence may differ by one or more nucleotides

ATGGTGAAATTGCTAGTGGCCAAAATCCTGTGCATGGTGGGCGTGTCTTCTTCATGCTGCTCGGCTCCC
TGCTCCCCGTGAAGATCATCGAGACAGATTTTGAGAAGGCCCATCGCTCGAAAAAGATCCTCTCTCTG
CAACACCTTTGGAGGAGGGGTGTTTCTGGCCACGTGCTTCAACGCTCTGCTGCCCGCTGTGAGGGAAAAG
CTCCAGAAGGTCCTGAGCCTCGGCCACATCAGCACCGACTACCCGCTGGCCGAAACCATCCTCCTGCTGG
GCTTCTTCATGACCGTCTTCTGAGCAGCTGATCCTGACCTCCGCAAGGAGAAGCCGTCCTTCATCGA
CCTGGAGACCTTCAACGCCGGATCGGACGTGGGACGCGACTCGGAGTATGAGAGCCCTTCATGGGGGGC
GCGCGGGGCCACGCGCTGTACGTGGAGCCCCACGCCACGCCCCAGCCTGAGCGTGCAGGGCCTCTCGC
GCGCCAGCCCCGTGCGCCTGCTCAGCCTGGCCTTCGCGCTGTGCGCCACTCGGTCTTTGAGGGCCTGGC
CCTGGGCTGCAGGAGGAGGGGGAGAAAGTGGTGAACCTGTTCTGTTGGGGTGGCCGTCACGAGACACTG
GTGGCCGTGGCCCTGGGCATCAGCATGGCCCGGAGTGCCATGCCCTGCGGGACGCGGCCAAGCTGGCGG
TCACCGTAAGCGCCATGATCCCCCTGGGCATCGGCCTGGGCTGGGCATTGAGAGCGCCAGGGCGTGCC
GGGCAGCGTGGCGTCCGTGCTGCTGCAGGGCCTGGCGGGCGGCACCTTCTCTTCATCACCTTCTGGAG
ATCCTGGCCAAGGAGCTGGAGGAGAAGAGTGACCGTCTGCTCAAGGTCTCTTCTGTTGCTGGGCTACA
CCGTCTGGCCGGATGGTCTTCTCAAGTGGTGA



[View online »](#)

5' Read Nucleotide Sequence:	>OriGene 5' read for NM_144564 unedited <pre> TTAGATTTTGTAAACGACTCACTATAGGGCGGCCGCGCATTCGGCACCAGNAGCGGGG CTCTCCGGGCCGCGTCTGTGGGGTCGAGACTGCGCGGCCGTTGGGCGTGCAGCGGCCCA GTCGGCGGACGAGGGGCCCCGGGAGTTGCTGGACTGAGACATGAGCCTCCAACCTGTGTG GTTGGGCTCGGTAGCACATCGTGGGACTTGGGTGTGCGCCACAGATGGTTTGGCCCTGC AGTGACCAGAGCAGCCCAAGCCGCCACCATGGTGAATTGCTAGTGGCCAAAATCCTGTG CATGGTGGGCGTGTCTTCTTTCATGCTGCTCGGCTCCCTGCTCCCGTGAAGATCATCGA GACAGATTTTGAGAAGGCCCATCGCTCGAAAAAGATCCTCTCTCTGCAACACCTTTGG AGGAGGGGTGTTTCTGGCCACGTGCTTCAACGCTCTGCTGCCCGTGTGAGGGAAAAGCT CCAGAAGGTCCTGAGCCTCGGCCACATCAGCACCGACTACCCGCTGGCCGAAACCATCCT CCTGCTGGGCTTCTTCATGACCGTCTTCTGGAGCAGCTGATCCTGACCTTCGCAAGGA GAAGCCGTCCTTCATCGACCTGGAGACCTTCAACGCCGGATCGGACGTGGGCAGCGACTC GGAGTATGAGAGCCCTTCATGGGGGGGCGCGCGNGCCACGCGTGTACGTGGAGCCCC ACGGCCACGGCCCCAGCCTGAGCGTGCAGGGCCTCTCGCGGCCAGCCCCGTGCGCTGC TCAGCCTGGCCTTCGCGTGTGCGCCCACTCGGTCTTTGAGGGCCTGCCTGGNNCTGNN NCAGAGAGGGGGAGGAAAGTGGTGAACCTGTTTCTGGGGGTGGCCGTCCACGAACTG GTTGCCGTGGCCTTGGGCATCACCATGGCCCGAGTGCATGCCCTGCGGGACNCGCCCA ACTTGCGGTCCCGTAGCGCATGATCCCA </pre>
Restriction Sites:	NotI-NotI
ACCN:	NM_144564
Insert Size:	1500 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.
RefSeq:	NM_144564.4 , NP_653165.2
RefSeq Size:	1441 bp
RefSeq ORF:	945 bp
Locus ID:	29985
UniProt ID:	Q9BRY0
Cytogenetics:	19p13.3
Protein Families:	Transmembrane

Gene Summary:

Acts as a zinc-influx transporter.[UniProtKB/Swiss-Prot Function]

Transcript Variant: This variant (1) encodes the longer isoform (a). Sequence Note: This sequence has been modified as follows: removed 29 bp suspected to be vector contamination from the 5' end.