

Product datasheet for **SC320991**

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:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for NM_144564.4

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GTCGAGACTGCGCGGCCGTTGGGCGTGCAGCGGCCAGTCGGCGGACGAGGGGCCCCCG
GGAGTTGCTGGACTGAGACATGAGCCTCCAAGTGTGTGGTGGGCTCGGTAGCACATCGT
GGGACTTGGGTGTGCGCCACAGATGGTTTGGCCCTGCAGTGACCAGAGCAGCCCAAGCC
GCCACCATGGTGAAATTGCTAGTGGCCAAAATCCTGTGCATGGTGGGCGTGTCTCTTTC
ATGCTGCTCGGCTCCCTGCTCCCGTGAAGATCATCGAGACAGATTTTGAGAAGGCCCAT
CGCTCGAAAAAGATCCTCTCTCTGCAACACCTTTGGAGGAGGGGTGTTCTGGCCACG
TGCTTCAACGCTCTGCTGCCCGCTGTGAGGAAAAGCTCCAGAAGGTCTGAGCCTCGGC
CACATCAGCACCGACTACCCGCTGGCCGAAACCATCCTCCTGCTGGGCTTCTTCATGACC
GTCTTCTGGAGCAGCTGATCCTGACCTCCGCAAGGAGAAGCCGTCCTTCATCGACCTG
GAGACCTTCAACGCCGATCGGACGTGGGCAGCGACTCGGAGTATGAGAGCCCTTCATG
GGGGGCGCGCGGGCCACGCGCTGTACGTGGAGCCCCACGGCCACGGCCCCAGCCTGAGC
GTGCAGGGCCTCTCGCGGCCAGCCCCGTGCGCCTGCTCAGCCTGGCCTTCGCGCTGTGC
GCCCCACTCGGTCTTTGAGGGCCTGGCCCTGGGCTGCAGGAGGAGGGGAGAAAGTGGTG
AGCCTGTTCGTGGGGGTGGCCGTCCACGAGACACTGGTGGCCGTGGCCCTGGGCATCAGC
ATGGCCCGGAGTGCCATGCCCCTGCGGGACGCGGCCAAGTGGCGGTACCGTAAGCGCC
ATGATCCCCCTGGGCATCGGCCTGGGCTGGGCATTGAGAGCGCCAGGGCGTGCCGGGC
AGCGTGGCGTCCGTGCTGCTGCAGGGCCTGGCGGGCGGCACCTTCTCTTCATCACCTTC
CTGGAGATCCTGGCCAAGGAGCTGGAGGAGAAGAGTGACCGTCTGCTCAAGGTCCTCTTC
CTGGTGCTGGGCTACACCGTCTTGCCCGGATGCTCTTCTCAAGTGGTGAGCGGCCTCG
CCATTGTCCCTGCCGCCGAGCCCGCGGGAGCCCCGGGCGGACACAGGCCGCTCCCC
CGGCCGCGCTCCCCAAGAGCGAGCACTGTGGCCCTGGGCCACCACTGTGCACAAGGG
GCCTCCCGGGACAGGCTGTGCCCCGATCCTACACCCTGAGCCTCAGAGCACTGCTACT
TTTTAAATACTTCTTTCTTTAAAGTCTTTACCAAAAAAAAAAAAAAAAAAAAA
  
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Restriction Sites: Please inquire


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ACCN:	NM_144564
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.
RefSeq:	<u>NM_144564.4, NP_653165.2</u>
RefSeq Size:	1441 bp
RefSeq ORF:	945 bp
Locus ID:	29985
UniProt ID:	<u>Q9BRY0</u>
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.