

Product datasheet for **SC321960**

SLC39A9 (NM_018375) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SLC39A9 (NM_018375) Human Untagged Clone
Tag:	Tag Free
Symbol:	SLC39A9
Synonyms:	ZIP-9; ZIP9
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for SC321960
GACAGGGGCGCCTAGGGAACGAACAGGTTGCGTTGAGTCACTTACCCGCCGCCCTAAG
ACATTGTGCCACCCTCAATCCGACAATCGAAGAAATCGATCATTGCGACATTTTCCCAT
TGACTTTTCCCATCTCTGTTAACCCACGAGAATCTAATGACTGGCATCTGAGAACCAGA
GCCTGGGACCTTAGATTGCTGTAAGCTTTCTCTGGTGCTAATATCAGCAAAAAGGCTCTG
TTGCCGGGTACGTTCAAGAGGAAGGTGCCTCGTGAACACATCTGCTGGTGGGAAGGCCTA
AAGAAGTGGAAAGCCCACTCTCTTGAACCACACACCTGTTTAAAGAACCTAAGCACCA
TTTAAAGCCACTGGAAATTTGTTGCTAGTGGTGTGGTGAATAAAGGAGGGCAGAATG
GATGATTTTCATCTCCATTAGCCTGCTGTCTCTGGCTATGTTGGTGGGATGTTACGTGGCC
GGAATCATTCCCTTGGCTGTTAATTTCTCAGAGGAACGACTGAAGCTGGTACTGTTTTG
GGTGTGGCCTTCTCTGTGGAAGTCTCTGGCAGTCATCGTGCCTGAAGGAGTACATGCC
CTTTATGAAGATATTCTTGAGGGAAAACACCACCAAGCAAGTAAAACACATAATGTGATT
GCATCAGACAAAGCAGCAGAAAAATCAGTTGTCCATGAACATGAGCACAGCCACGACCAC
ACACAGCTGCATGCCTATATTGGTGTTCCTCGTTCTGGGCTTCGTTTTCATGTTGCTG
GTGGACCAGATTGTAACCTCCATGTGCATTCTACTGACGATCCAGAAGCAGCAAGTCT
AGCAATTCAAAAATCACACCACGCTGGTCTGGTGTCCATGCTGCAGCTGATGGTGT
GCTTTGGGAGCAGCAGCATCTACTTCACAGACCAGTGTCCAGTTAATTGTGTTTGTGGCA
ATCATGTACATAAGGCACCAGCTGCTTTTGGACTGGTTTCCTTCTTGATGCATGCTGGC
TTAGAGCGGAATCGAATCAGAAAGCACTTGCTGGTCTTTGCATTGGCAGCACCAGTTATG
TCCATGGTGACATACTTAGGACTGAGTAAGAGCAGTAAAGAAGCCCTTTCAGAGGTGAAC
GCCACGGGAGTGGCCATGCTTTTCTGCGGGGACATTTCTTTATGTTGCCACAGTACAT
GTCCTCCCTGAGTGGGCGGAATAGGGCACAGCCACAAGCCCGATGCCACGGGAGGGAGA
GGCCTCAGCTGCCTGGAAGTGGCAGCCCTGGTTCTGGGTTGCCTCATCCCTCTCATCCTG
TCAGTAGGACACCAGCATTAAATGTTCAAGGTCCAGCCTTGGTCCAGGGCCGTTTGCCAT
CCAGTGAGAACAGCCGGCACGTGACAGCTACTCCTCCTCAGTCTTTGTCTCACCTTG
CGCATCTCTACATGTATTCTAGAGTCCAGAGGGGAGGTGAGGTTAAAACCTGAGTAATG
GAAAAGCTTTTAGAGTAGAAACACATTTACGTTGCAGTTAGCTATAGACATCCCATTGTG
TTATCTTTTAAAGGCCCTTGACATTTTGCGTTTTAATATTTCTTAAACCCTATTCTCA
GGGAAGATGGAATTTAGTTTTAAGGAAAAGAGGAGAACTCATACTACAATGAAATAGT
GATTATGAAAATACAGTGTCTGTAATTAATAAAAAAAAAAAAAA

Restriction Sites: Please inquire

ACCN: NM_018375

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:	<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:	<u>NM_018375.2, NP_060845.2</u>
RefSeq Size:	3038 bp
RefSeq ORF:	924 bp
Locus ID:	55334
UniProt ID:	<u>Q9NUM3</u>
Cytogenetics:	14q24.1
Domains:	Zip
Protein Families:	Transmembrane
Gene Summary:	May act as a zinc-influx transporter.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (1).