

Product datasheet for SC113581

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:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC113581 sequence for NM_018375 edited (data generated by NextGen Sequencing)

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ATGGATGATTTTCATCTCCATTAGCTGCTGTCTCTGGCTATGTTGGTGGGATGTTACGTG
GCCGGAATCATTCCCTTGCTGTTAATTTCTCAGAGGAACGACTGAAGCTGGTGACTGTT
TTGGGTGCTGGCCTTCTCTGTGGAAGTCTCTGGCAGTCATCGTGCCTGAAGGAGTACAT
GCCCTTTATGAAGATATTCTTGAGGGAAAAACCCACCAAGCAAGTAAACACATAATGTG
ATTGCATCAGACAAAGCAGCAGAAAAATCAGTTGTCCATGAACATGAGCACAGCCACGAC
CACACACAGCTGCATGCCTATATTGGTGTTCCTCGTCTGGGCTTCGTTTTTCATGTTG
CTGGTGGACCAGATTGTTAACTCCCATGTGCATTCTACTGACGATCCAGAAGCAGCAAGG
TCTAGCAATTCAAAATCACCACCAGCTGGGTCTGGTTGTCCATGCTGCAGCTGATGGT
GTTGCTTTGGGAGCAGCAGCATCTACTTCACAGACCAGTGTCCAGTTAATTGTGTTTGTG
GCAATCATGCTACATAAGGCACCAGCTGCTTTTGGACTGGTTTCCTTCTTGATGCATGCT
GGCTTAGAGCGGAATCGAATCAGAAAGCACTTGCTGGTCTTTGCATTGGCAGCACCAGTT
ATGTCCATGGTGACATACTTAGGACTGAGTAAGAGCAGTAAAGAAGCCCTTTCAGAGGTG
AACGCCACGGGAGTGGCCATGCTTTTCTCTGCCGGGACATTTCTTATGTTGCCACAGTA
CATGTCCTCCCTGAGGTGGGCGGAATAGGGCACAGCCACAAGCCCGATGCCACGGGAGGG
AGAGGCCCTCAGCCGCTGGAAGTGGCAGCCCTGGTTCTGGGTTGCCTCATCCCTCTATC
CTGTCAGTAGGACACCAGCATTA

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Clone variation with respect to NM_018375.3



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5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_018375 unedited</p> <pre>AATTTGTAATACGACTACTATAGGGCGGCCGGAATTCGGCACGAGGGCGGCCATGGC AGCTGTAGTATCGGCGACTCCGGGTCAAGGCCCGTTCGAGTGCAGTACCATGGGCAGCAC CGGGTATAGGGCAGAGACAGCTTTGTGTCAACTTTGCTGCTGAACCCCTAGGACCCATCG TTAGAGACCTGCAGGACTCCTTTCTCATCCCAGGCTCGGAGGAGAGTTTGTGGGACTG GTGGGCTGGTTTCTGCTCTGGGGGCGGATCACCTTCGGGGCCGCTCTTGAGACAGG GGCGCCTAGGGAACGAACAGGTTTCGTTGAGTCACTTACCCGCCGCCCTAAGACATTG TGCCACCCTCAATCCGACAATCGAAGAAATCGATCATTCCGACATTTTCCCATTTGACTT TTCCCATCTCTGTAAACCCACGAGAATCTAATGACTGGCATCTGAGAACCCAGAGCTGG GACCTTAGATTGCTGTAAGCTTTCTCTGGTGCTAATATCAGCAAAAAGGGTCTGTTGCCG GGTACGTTCAAGAGGAAGGTGCCTCGTGAACACATCTGCTGGTGGGAAGGCCTAAAGAAC TGGAAAGCCACTCTCTTGAACCACCACCTGTTTAAAGAACCTAAGCACCATTTAA GCCACTGAAAATTTGTTGCTAGTGGTTGTGGTGAATAAAGGAGGCAGAAATGGATGAT TTCATCTCCATTAGCCTGCTGTCTCTGGCTATGTTGGTGGGATGTTACGTGGCCGGAATC ATTCCCTTGGCTGNTATTTCTCAGAGAACGACTNGAGCTGGTACTGTTTTGGGTGCTG GCCTTCTCTGTGGAAGTCTCTGCCAGTCAT</pre>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_018375 unedited</p> <pre>AGCTTTCATTAATAGGCAACACTTCTCATTTATGATCCATCTTGCTACAGGTGGTTATG TGAGAAGACACAGTGTGCGCAAAGCTGACCTAGTATTTAGGTCCCTAGAGGGATTGCTGA TCTGCTAAGAGAAATAATTAACAAAAAAAAAAAAAAAAAGGACAACCATACATTTT GGTAGTCTTTTAAAAAAGCTACTACAAAGATATCAATAACCATCCAAAAATCACTTAA ATTTAATATCCCTTAATTTCCAAAGACTTTGTGATCTGACTGTTCTTGAAGGAAAGCC TAGAACTGAAACTACTAGAACTTGGCTCCTCTCTAGGAATGTGGAGACAGGTATTCTGCA AAGGAGAACTTGACAAGGAATGCTACAAAATACCAAGTCACTCTTTAGAACTCCTCCCA CCTCTCCTGCTCCATTTGATGGAATGGCAGGCTGGATTCAGAGAGGCACGTGCCAAAGGA GCTGTTTAAATCCCTCTAGACATCCCTTTTCAATGGATATCTCTTTTGTAGTATAAAGAGA GCTCTCAATGTGCTTGTATCATTTCCTGACCTAATCCAGATTAACCTAGAAATCACC TTTAGCATCTAAGTGAGTGGGTGCTTTGACCTCCATCAACGCATGTGGCATAGATGCTA AAGCACCATCTTACATGGTGGGAACCATGTTAAAAATCAATGGATAAAGTTACATAGC CTCTAAACTAAAAAGAAAGAGACATAGTCTAATAACAGAACACTGGGTTTTTATAATCAT TAGTCATTGCGAGCATAAAGTTCTCCCTTTCTCTTTAACATAATCCCACTCTTCTTGA GAATACGGCTCAAAACAAATATTCAAACCCAAAATGGTCAACCGCTCTTTTACACCCAAC CCGACCGGTGATGCCTACCNATTACCTCGCAACCCCAATGTGCGTCCCACCCATATAAAG ATTTTCCCTTACTACGGCGTTAACCCCTACCCCCCTGTGAACNTCGGATCCTCTTTTCAG ATGTCCCGCCATTTAACAG</pre>
Restriction Sites:	NotI-NotI
ACCN:	NM_018375
Insert Size:	3000 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:	<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:	NM_018375.2 , NP_060845.2
RefSeq Size:	3038 bp
RefSeq ORF:	924 bp
Locus ID:	55334
UniProt ID:	Q9NUM3
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).