

Product datasheet for **SC323865**

SLC39A4 (NM_130849) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SLC39A4 (NM_130849) Human Untagged Clone
Tag:	Tag Free
Symbol:	SLC39A4
Synonyms:	AEZ; AWMS2; ZIP4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

Fully Sequenced ORF: >OriGene sequence for NM_130849.2
 CAACCCAGCAAAGCCGCTCAGCCAGCCAGAAAGCACTGGGCCTTGGCCACAGCAACA
 CCCACTGAGCACGCTGGGAGCTGAGTATGGCGTCCCTGGTCTCGCTGGAGCTGGGGCTGC
 TTCTGGCTGTGCTGGTGGTGACGGCGACGGCGTCCCCGCTGCTGGTCTGCTGAGCCTGC
 TCACCTTGGCCAGGGCGCTCTGGATCAAGAGGCTCTGGGCGCCTGTAAATACGCTGG
 CGGACCGTGTGACTGCACCAACGGGCCGTGTGAAAAGTGCCTGTCTGTGGAGGACGCC
 TGGCCTGGGCGAGCCTGAGGGGTGAGGGCTGCCCGGGCCGGTCTGGAGGCCAGGT
 AGTTCGCCCGCTCAGTGCAGCCGCTCCTGTACCTCAGCAACCCGAGGGCACCTGTG
 AGGACTCGGGCTGGCCTCTGGCCTCTCATGCAGACCCTCCTGGCCTGCTCGAGA
 GCCCAAGGCCCTGACCCCGGGCTGAGCTGGCTGCTGCAGAGGATGAGGCCCGGGCTG
 CCGGCCAGACCCCAAGACGGCCTGCGTAGATATCCCTCAGCTGCTGGAGGAGCGGTGG
 GGGCGGGGCTCCGGCAGTGTGGCGGCTCCTGGTGCCTGCTGGACCATGTCAGGA
 GCGGGTCTTGCTCCACGCTTGCCGAGCCCTCAGTACTTCGTGGACTTTGTGTTCCAGC
 AGCACAGCAGCGAGGTCCCTATGACGCTGGCCGAGCTGCAGCCTTGATGCAGCGCCTGG
 GGGTGGCAGGGAGGCCACAGTACCACAGTATCGGCACAGGGGAGCCAGCAGCCGGG
 ACCTGTGCCCTCATCAGCTCCAGCAACAGCTCCAGTGTGTGGACACGGTATGCCTGA
 GTGCCAGGGACGTGATGGCTGCATATGGACTGTGGAACAGGCTGGGGTACCCCGGAGG
 CCTGGGCCAACTGAGCCCTGCCCTGCTCAACAGCAGCTGAGTGGAGCCTGCACCTCCC
 AGTCCAGGCCCCCGTCCAGGACCAGCTCAGCCAGTACAGAGGATCTGTACGGCTCCC
 TGGCCACGCTGCTCATCTGCCTTGCAGCGTCTTTGGCCTCCTGCTGCTGACCTGCAGT
 GCTGCAGGGGGTCACTACTACATCCTGCAGACCTTCTGAGCCTGGCAGTGGGTGCAC
 TCACTGGGACGCTGTCTGCATCTGACGCCAAGGTGCTGGGGTGCATACACACAGCG
 AAGAGGGCCTCAGCCACAGCCACCTGGCGCCTCCTGGCTATGCTGGCCGGGCTTACG
 CCTTCTTCTGTTGAGAACCTTCAATCTCCTGCTGCCAGGGACCCGGAGGACCTGG
 AGGACGGGCCCTGCGGCCACAGCAGCCATAGCCACGGGGCCACAGCCACGGTGTGTCCC
 TGCAGCTGGCACCCAGCGAGCTCCGGCAGCCAAAGCCCCCACGAGGGCTCCCGCGCAG
 ACCTGGTGGCGGAGGAGACCCGGAGCTGCTGAACCTGAGCCAGGAGACTGAGCCAG
 AGTTGAGGCTACTGCCCTATATGATCACTCTGGGCGACGCGTGCACAACCTCGCCGACG
 GGCTGGCCGTGGGCGCCGCTTCCGCTCCTCCTGGAAGACGGGCTGGCCACCTCGCTGG
 CCGTGTCTGCCACGAGTTGCCACAGCTGGGGGACTTCGCCGCTTGTGTCACGCGG
 GGCTGTCCGTGCCAAGCACTGCTGCTGAACCTGGCCTCCGCGCTCACGGCCTTGTGCTG
 GTCTCTACGTGGCACTCGCGTTGGAGTACGAGGAGAGCGAGGCTGGATCCTGGCAG
 TGGCCACCGGCCTGTTCTTACGTAGCACTCTGCGACATGCTCCCGGCATGTTGAAAAG
 TACGGGACCCGCGGCCCTGGCTCCTTCTGCTGCACAACGTGGGCCTGCTGGGCGGCT
 GGACCGTCTGCTGCTGCTGCTGCTGACGAGGATGACATCACCTTCTGATACCCCTGCC
 TAGTCCCCACCTTTGACTTAAGATCCACACCTCACAAACCTACAGCCAGAAACCAGA
 AGCCCCATAGAGGCCCCAGTCCCAACTCCAGTAAAGACTCTTGTCTTGGAAAAAAA
 AAAAAAAAAAAAAAAAAA

Restriction Sites: ECoRI-NOT

ACCN: NM_130849

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_130849.2</u> , <u>NP_570901.2</u>
RefSeq Size:	2192 bp
RefSeq ORF:	1944 bp
Locus ID:	55630
UniProt ID:	<u>Q6P5W5</u>
Cytogenetics:	8q24.3
Protein Families:	Transmembrane
Gene Summary:	<p>This gene encodes a member of the zinc/iron-regulated transporter-like protein (ZIP) family. The encoded protein localizes to cell membranes and is required for zinc uptake in the intestine. Mutations in this gene result in acrodermatitis enteropathica. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2013]</p> <p>Transcript Variant: This variant (2) encodes the longest isoform (2).</p>