OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for SC333169

SLC39A1 (NM_001271961) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SLC39A1 (NM_001271961) Human Untagged Clone
Tag:	Tag Free
Symbol:	SLC39A1
Synonyms:	ZIP1; ZIRTL
Vector:	pCMV6-Entry (PS100001)
Fully Sequenced ORF:	>SC333169 representing NM_001271961. Blue=Insert sequence Red=Cloning site Green=Tag(s) ATGGGGCCCTGGGGAGAGCCAGAGCTCCTGGTGTGGCGCCCCGAGGCGGTAGCTTCAGAGCCTCCAGTG CCTGTGGGGCTGGAGGTGAAGTTGGGGGCCCTGGTGCTGCTGCTGGTGCTCACCCTCCTCTGCAGCCTG GTGCCCATCTGTGTGCTGCGCCGGCCAGGAGCTAACCATGAAGGCTCAGCTCCAGTTCCCACTGCAAGA GTTCATCCTGGCCATGGGCTTCTTCCTGGTCCTGGTGATGGAGCAGATCACACTGGCTTACAAGGAGCA GTCAGGGCCGTCACCTCTGGAGGAAACAAGGGCTCTGCTGGGAACAGTGAATGGTGGGCCGCAGCATTG GCATGA
Restriction Sites:	SgfI-MluI
ACCN:	NM_001271961
Insert Size:	351 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.

View online »

RefSeq:	NM_001271961.1
RefSeq Size:	2024 bp
RefSeq ORF:	351 bp
Locus ID:	27173
UniProt ID:	Q9NY26
Cytogenetics:	1q21.3
Protein Families:	Transmembrane
MW:	11.8 kDa
Gene Summary:	This gene encodes a member of the zinc-iron permease family. The encoded protein is localized to the cell membrane and acts as a zinc uptake transporter. This gene has been linked to prostate cancer, breast cancer, and Alzheimer's disease. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Dec 2012] Transcript Variant: This variant (6) differs in the 5' UTR and lacks an exon in the 3' coding region which results in a frameshift, compared to variant 1. The encoded isoform (b) is shorter and has a distinct C-terminus, compared to isoform a.