

Product datasheet for **SC332181**

SLC39A9 (NM_001252150) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: SLC39A9 (NM_001252150) Human Untagged Clone
Tag: Tag Free
Symbol: SLC39A9
Synonyms: ZIP-9; ZIP9
Vector: pCMV6-Entry (PS100001)
Fully Sequenced ORF: >SC332181 representing NM_001252150.
Blue=Insert sequence Red=Cloning site Green=Tag(s)

```
ATGGATGATTTTCATCTCCATTAGCCTGCTGTCTCTGGCTATGTTGGTGGGATGTTACGTGGCCGGAATC
ATTCCCTTGGCTGTTAATTTCTCAGAGGAACGACTGAAGCTGGTACTGTTTTGGGTGCTGGCCTTCTC
TGTGGAAGTCTGCTGGCAGTCATCGTGCCTGAAGGAGTACATGCCCTTTATGAAGATATTCTTGAGGGA
AAACACCACCAAGCAAGTAAACACATAATGTGATTGCATCAGACAAAGCAGCAGAAAAATCAGTTGTC
CATGAACATGAGCACAGCCAGCACACACAGCTGCATGCCTATATTGGTGTTCCTCGTTCTGGGC
TTCGTTTTTCATGTTGCTGGTGGACCAGATTGGTAACTCCCATGTGCATTCTACTGACGATCCAGAAGCA
GCAAGGTCTAGCAATCCAAAATCACCACCAGCTGGGTCTGGTGTCCATGCTGCAGCTGATGGTGTT
GCTTTGGGAGCAGCAGCATCTACTTCACAGACCAGTGTCCAGTTAATTGTGTTTGTGGCAATCATGCTA
CATAAGGCACCAGCTGCTTTGGACTGGTTTCTTCTTGTATGCATGCTGGCTTAGAGCGGAATCGAATC
AGAAAGCACTTGCTGGTCTTTCATTGGCAGCACCAGTTATGTCCATGGTGACATACTTAGGACTGAGT
AAGGATTAG
```

Restriction Sites: Sgfl-MluI
ACCN: NM_001252150
Insert Size: 699 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).



[View online »](#)

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: [NM_001252150.1](#)

RefSeq Size: 2104 bp

RefSeq ORF: 699 bp

Locus ID: 55334

UniProt ID: [Q9NUM3](#)

Cytogenetics: 14q24.1

Protein Families: Transmembrane

MW: 24.6 kDa

Gene Summary: May act as a zinc-influx transporter.[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (3) uses an alternate splice site in the 3' coding region, which results in a frameshift, compared to variant 1. The encoded isoform (3) is shorter and has a distinct C-terminus, compared to isoform 1.