

Product datasheet for **SC330274**

SLC39A9 (NM_001252151) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: SLC39A9 (NM_001252151) Human Untagged Clone
Tag: Tag Free
Symbol: SLC39A9
Synonyms: ZIP-9; ZIP9
Vector: pCMV6-Entry (PS100001)
Fully Sequenced ORF: >SC330274 representing NM_001252151.
Blue=Insert sequence **Red**=Cloning site **Green**=Tag(s)

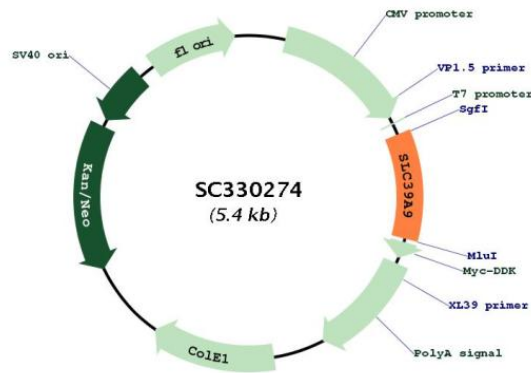
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ATGTTGCTGGTGGACCAGATTGGTAACTCCCATGTGCATTCTACTGACGATCCAGAAGCAGCAAGGTCT
AGCAATTCAAAAATCACCACCACGCTGGGTCTGGTTGTCCATGCTGCAGCTGATGGTGTTGCTTTGGGA
GCAGCAGCATCTACTTCACAGACCAGTGTCCAGTTAATTGTGTTTGTGGCAATCATGCTACATAAGGCA
CCAGCTGCTTTTGGACTGGTTTCCTTCTTGATGCATGCTGGCTTAGAGCGGAATCGAATCAGAAAGCAC
TTGCTGGTCTTTGCATTGGCAGCACCAGTTATGCCATGGTGACATACTTAGACTGAGTAAGAGCAGT
AAAGAAGCCCTTTCAGAGGTGAACGCCACGGGAGTGGCCATGCTTTTCTCTGCCGGGACATTTCTTTAT
GTTGCCACAGTACATGTCTCCCTGAGGTGGGCGGAATAGGGCACAGCCACAAGCCCGATGCCACGGGA
GGGAGAGGCCTCAGCCGCTGGAAGTGGCAGCCCTGGTCTGGTTGCCTCATCCCTCTCATCCTGTCA
GTAGGACACCAGCATTAA
```

Restriction Sites: Sgfl-Mlul



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Plasmid Map:



ACCN: NM_001252151

Insert Size: 570 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.

RefSeq: [NM_001252151.1](#)

RefSeq Size: 4865 bp

RefSeq ORF: 570 bp

Locus ID: 55334

UniProt ID: [Q9NUM3](#)

Cytogenetics: 14q24.1

Protein Families: Transmembrane

MW: 19.6 kDa

Gene Summary: May act as a zinc-influx transporter.[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (4) differs in the 5' UTR and uses a downstream, in-frame start codon, compared to variant 1. Variants 4 and 5 both encode isoform (4), which has a shorter N-terminus compared to isoform 1.