

Product datasheet for **RC233500**

SLC39A9 (NM_001252150) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: SLC39A9 (NM_001252150) Human Tagged ORF Clone
Tag: Myc-DDK
Symbol: SLC39A9
Synonyms: ZIP-9; ZIP9
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >RC233500 representing NM_001252150
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGATGATTTTCATCTCCATTAGCCTGCTGTCTCTGGCTATGTTGGTGGGATGTTACGTGGCCGGAATCA
TTCCTTGGCTGTTAATTTCTCAGAGGAACGACTGAAGCTGGTACTGTTTTGGGTGCTGGCCTTCTCTG
TGGAACTGCTCTGGCAGTCATCGTGCCTGAAGGAGTACATGCCCTTATGAAGATATTCTTGAGGGAAA
CACCACCAAGCAAGTAAACACATAATGTGATTGCATCAGACAAAGCAGCAGAAAAATCAGTTGTCCATG
AACATGAGCACAGCCACGACCACACAGCTGCATGCCTATATTGGTGTTCCTCGTTCGGGCTTCGT
TTTCATGTTGCTGGTGGACCAGATTGGTAACTCCCATGTGCATTCTACTGACGATCCAGAAGCAGCAAGG
TCTAGCAATTCAAAATCACCACCACGCTGGGTCTGGTTGTCCATGCTGCAGCTGATGGTGTGCTTTGG
GAGCAGCAGCATCTACTTCACAGACCAGTGTCCAGTTAATTGTGTTTGTGGCAATCATGCTACATAAGGC
ACCAGCTGCTTTTGGACTGGTTTCCTTCTTGATGCATGCTGGCTTAGAGCGGAATCGAATCAGAAAGCAC
TTGCTGGTCTTTGCATTGGCAGCACCAGTTATGTCCATGGTGACATACTTAGGACTGAGTAAGGAT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



[View online »](#)

Protein Sequence: >RC233500 representing NM_001252150
Red=Cloning site Green=Tags(s)

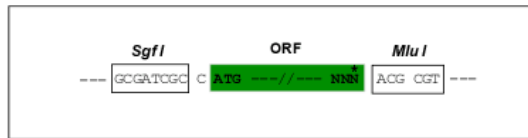
MDDFISISLLSLAMLVGCYVAGIIPLAVNFSEERLKLVTVLGAGLLCGTALAVIVPEGVHALYEDILEGK
 HHQASETHNVIASDKAAEKSVVHEHEHSHDHTQLHAYIGVSLVLFVFMLLVDQIGNSHVHSTDDPEAAR
 SSNSKITTTLGLVVHAAADGVALGAAASTSQTSVQLIVFVAIMLHKAPAAFGLVSLMHAGLERNRIRKH
 LLVFALAAPVMSMVTYLGLSKD

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: Sgfl-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



ACCN: NM_001252150

ORF Size: 696 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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_001252150.2](#)

RefSeq Size: 2104 bp

RefSeq ORF: 699 bp

Locus ID: 55334

UniProt ID: [Q9NUM3](#)

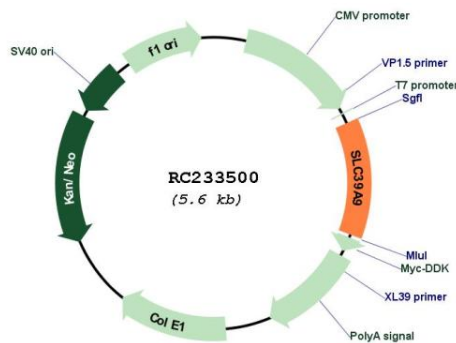
Cytogenetics: 14q24.1

Protein Families: Transmembrane

MW: 25.1 kDa

Gene Summary: May act as a zinc-influx transporter.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RC233500