

Product datasheet for RC233764

SLC39A1 (NM_001271960) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SLC39A1 (NM_001271960) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	SLC39A1
Synonyms:	ZIP1; ZIRTL
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC233764 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGGGCCCTGGGGAGAGCCAGAGCTCCTGGTGTGGCGCCCCGAGGCGGTAGCTTCAGAGCCTCCAGTGC
CTGTGGGGCTGGAGGTGAAGTTGGGGCCCTGGTGTCTGTGGTGTCCACCCTCTGCAGCCTGGT
GCCATCTGTGTCTGCGCCGGCCAGGAGCTAACCATGAAGGCTCAGCTCCCGCCAGAAAGCCCTGAGC
CTAGTAAGCTGTTTCGCGGGGGCGTCTTTTGGCCACTTGTCTCCTGGACCTGCTGCCTGACTACCTGG
CTGCCATAGATGAGGCCCTGGCAGCCTTGACGTGACGCTCCAGTCCCAGTGAAGAGTTCATCCTGGC
CATGGGCTTCTTCTGGTCTGGTATGGAGCAGATCACACTGGCTTACAAGGAGCAGTCAGGGCCGTCA
CCTCTGGAGAAACAAGGGCTCTGCTGGGAACAGTGAATGGTGGGCCGAGCATTGGCATGATGGGCCAG
GGTCCCACAGGCGAGTGGAGCCCCAGCAACCCCTCAGCCTTGGCTGCCTGTGTACTGGTGTCTCCCT
GGCCCTCCACTCCGTGTTTCGAGGGGCTGGCGGTAGGGCTGCAGCGAGACCGGGCTCGGGCCATGGAGCTG
TGCTGGCTTTGCTGCTCCACAAGGGCATCCTGGCTGTGACGCTGTCCCTGCGGCTGTTGCAGAGCCACC
TTAGGGCACAGGTGGTGGCTGGCTGTGGGATCCTTCTCATGCATGACACCTTAGGCATCGGGCTGGG
TGCAGCTCTGGCAGAGTCGGCAGGACCTCTGCACCAGCTGGCCAGTCTGTGCTAGAGGGCATGGCAGCT
GGCACCTTCTCTATATCACCTTCTGGAAATCCTGCCAGGAGCTGGCCAGTCTGAGCAAAGGATCC
TCAAGTCATTCTGCTCCTAGCAGGCTTTGCCCTGCTCACTGGCCTGCTTTCATCCAAATC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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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_001271960.1](#), [NP_001258889.1](#)

RefSeq Size: 2216 bp

RefSeq ORF: 975 bp

Locus ID: 27173

UniProt ID: [Q9NY26](#)

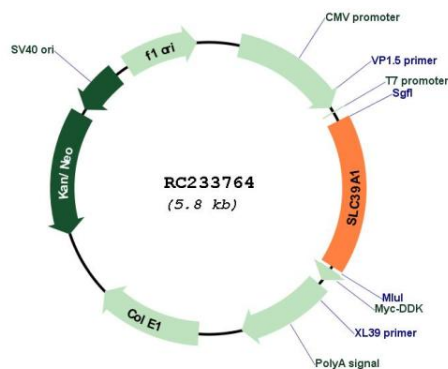
Cytogenetics: 1q21.3

Protein Families: Transmembrane

MW: 34.2 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]

Product images:



Circular map for RC233764