

Product datasheet for **MG210539**

Slc39a6 (BC055012) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Slc39a6 (BC055012) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Slc39a6
Synonyms:	Ermelin
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide
Sequence:

>MG210539 representing BC055012
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCCACAGATTTATCTGTAATCATGATCTTGACCTTTGCCCTTGGGTTACAAGCCCCCTTCATGAAC
 TACAATCAACAGCTGCTTTCTCTCAGACTACTGAGAAAATAAATTCAAATTGGGAACCTGGTGTTAATGT
 TGACTTGGCAGTTACCATGCAGGCACACCATCTGCAGCAGCTATTCTACCGCTACGGAGAGAATGATTCC
 TTGTCTGTTGAAGGCTTCAGAAAATTGCTTCAGAACATAGGCATAGATAAGATTAAGAGAGTCCATATAC
 ACCATGACCACGAGCATCATGCTGACCACGAGCATCACTCGGACCATGAGCATCACTCGGACCACGAGCA
 TCACTCGGACCACGAGCATCACTCGGACCACGAGCATCACTCGGACCACGAGCACCATTCCACCGCAGT
 CACACGGTTGCTGGTAAAAACAATCGGAAAGCCTTTTGTCCAGACCTTGACTCTGATAATTCAGGTA
 ATCCTAGAACTAGTCTAGGAAAGGATCTCGCCAGCAGACACATGAATGGTAGGAGGAACATCAAGGA
 GAGTGCAAGCTCTAGTGAAGTGACCTCGGCGGTATACAACGTTGTCTCTGAAGGAACTCGCTTTGTAGAG
 ACAATAGAGACTCCAAAACCTGGGAGACGCACCAAGATGTAAACCCCTTCTACCCACCCAGCATCACGG
 AGAAAAGCCGAGTGGGCCGGCTGAGTCGGCTAGCTAGGAAGAAAAGCAATGAGTCTGTGAGTGAGCCAG
 AAAGAGCTTTATGTATTCCAGAAACACAATGACAATATTAGGAGTGTTTCAATACAACCAAGCTGCTG
 ACATCCCATGGCATGAGCATCCAGGCTCTGTTGAATGCAACGGAATTTAACTATCTCTGCCAGCCATCA
 TCAATCAAATTTGATGCTCGGGCTGTCTGATTACATACAGCAAGTGAGAAGAAGGCAGAAATCCCTCCAAA
 GACCTATTCTTTACAAATAGCCTGGCTTGGTGGCTTACATAGCCATTTCCATCATCAGTTTCTGTCTCTG
 CTGGGAGTCATCTTGGTCCACTCATGAACCGGTATTTTCAAGTTCTGCTGAGCTTCTCGTGGCGC
 TGGCCGTCGGAACGCTGAGTGGCGATGCTCTGTTACATCTTCTCCACACTCTCATGCAAGTCATCAGCA
 CAGTCATAGCCATGAAGAGCCAGCGATGGAATGAAAAGAGGCCCCCTGTTACGCCACCTGTCGGCTCAG
 AATATAGAAGAAAGCTCCTATTTTGATTCCACGTGGAAAGGTCTGACGGCTCTAGGGGGCTTATATTTCA
 TGTTTTCTGTGGAACACGTACTCACACTGATCAAGCAATTTAAAGATAAGAAAAAGAAGAAATCAAAGAA
 ACCTGAAAATGATGAGGATGTGGAGAGCAAGAAGCAGCTGTCAAATACGACTCTCAGCTTTCTCAAAT
 GAAGAGAAGGTGGACCCAGGGGAACGACCTGAAAGCTATCTGCGAGCCGACTCCCAAGAGCCCTCCCTCT
 TTGATCCAGCAGCCGACGATGTTGGAAGAGGAAGAGGTCATGATAGCCATGCACACCCACAAGAAGT
 CTACAATGAATATGTGCCAGGGGCTGCAAGAACAAGTGCCATTACACTTCCACGATACGCTGGGCCAG
 TCCGACGACCTCATCCACCACATCACGACTACCATCACATTCTGCACCACCACCACCAGAACACC
 ACCCTCACAGCCACAGCCAGCGCTACTCTCGAGAGGAGCTGAAGGACGCCGGCATTGCCACATTGGCCTG
 GATGGTATCATGGGCGACGGGCTGCACAATTTAGTGACGGCCTTGCTATTGGTGTGCTTCCACCGAG
 GGTTTGTCCAGTGGGCTAAGCACCTCTGTGCTGTGTTCTGTCATGAACTGCCTCATGAACTAGGTGACT
 TTGCTGTTTTGCTAAAGGCTGGCATGACTGTCAAGCAGGCTGTGCTCTATAATGCTCTGTGAGCCATGTT
 GGCCTACCTTGAATGGCAACAGGGATATTCATCGGCATTATGCAGAAAATGTTTCTATGTGGATATTC
 GCACTCACTGCCGGCTTGTTCATGTATGTCGCTCTGGTTGACATGGTGCCTGAGATGTTGCACAATGATG
 CTAGTGATCACGGATGCAGCCGTTGGGGATATTTCTTCTGCAGAATGCTGGGATACTTCTCGGTTTTGG
 AATTATGTTACTCATTTCATATTTGAGCATAAAAATTGTTTTCGTATAAAATTC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

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: [BC055012](#), [AAH55012](#)

RefSeq Size: 3610 bp

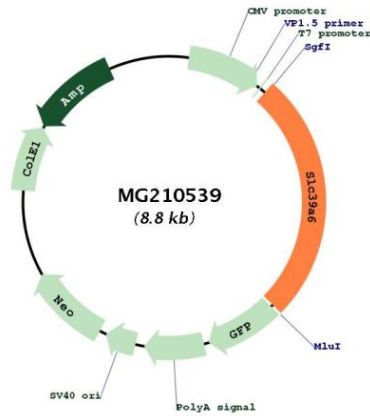
RefSeq ORF: 2297 bp

Locus ID: 106957

Cytogenetics: 18 A2

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

Product images:



Circular map for MG210539