

Product datasheet for **MC221454**

Slc39a6 (NM_139143) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Slc39a6 (NM_139143) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Slc39a6
Synonyms:	Ermelin; Zip6
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC221454 representing NM_139143
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCCACAGATTATCTGTAATCATGATCTTGACCTTTGCCCTTGGGTTACAAGCCCCCTTCATGAAC
 TACAATCAACAGCTGCTTCTCTCAGACTACTGAGAAAATAAATTCAAATTGGGAACCTGGTGTTAATGT
 TGACTTGGCAGTTACCATGCAGGCACACCATCTGCAGCAGCTATTCTACCGCTACGGAGAGAATGATTCC
 TTGTCTGTTGAAGGCTTCAGAAAATTGCTTCAGAACATAGGCATAGATAAGATTAAGAGAGTCCATATAC
 ACCATGACCACGAGCATCATGCTGACCACGAGCATCACTCGGACCATGAGCATCACTCGGACCACGAGCA
 TCACTCGGACCACGAGCATCACTCGGACCACGAGCATCACTCGGACCACGAGCACCATTCCACCCGAGT
 CACACGGTTGCTGGTAAAAACAATCGGAAAGCCTTTTGTCCAGACCTTGACTCTGATAATTCAGGTA
 ATCCTAGAACTAGTCTAGGAAAGGATCTCGCCAGCAGAGCACATGAATGGTAGGAGGAACATCAAGGA
 GAGTGCAAGCTCTAGTGAAGTGAAGTCTCGGCGGTATACAACGCTGTCTCTGAAGGAACTCGCTTTGTAGAG
 ACAATAGAGACTCCAAAACCTGGGAGACGCACCAAGATGTAAACCCCTTCTACCCACCCAGCATACCGG
 AGAAAAGCCGAGTGGGCCGGCTGAGTCGGCTAGCTAGGAAGAAAAGCAATGAGTCTGTGAGTGAGCCAG
 AAAGAGCTTTATGTATTCCAGAAACACAATGACAATATTCAGGAGTGTTTCAATACAACCAAGCTGCTG
 ACATCCCATGGCATGAGCATCCAGGCTCTGTTGAATGCAACGGAATTTAACTATCTCTGCCAGCCATCA
 TCAATCAAATTGATGCTCGGGCTTGTCTGATTACATACAGCAAGTGAAGAAGGCAGAAATCCCTCCAAA
 GACCTATTCTTTACAAATAGCCTGGCTTGGTGGCTTATAGCCATTTCCATCATCAGTTTCTGTCTCTG
 CTGGGAGTCATCTTGGTCCACTCATGAACCGGTATTTTCAAGTTCCTGCTGAGCTTCTCGTGGCGC
 TGCCCGTCGGAACGCTGAGTGGCGATGCTCTGTTACATCTTCTCCACACTCTCATGCAAGTCAACAGCA
 CAGTCATAGCCATGAAGAGCCAGCGATGGAATGAAAAGAGGCCCCCTGTTTCAGCCACCTGTCCGGCTCAG
 AATATAGAAGAAAGCTCCTATTTTGATTCCACGTGGAAAGGTCTGACGGCTCTAGGGGGCTTATATTTCA
 TGTTTTCTGTGGAACACGTAACACTGATCAAGCAATTTAAAGATAAGAAAAAGAAATCAAAGAA
 ACCTGAAAATGATGAGGATGTGGAGAGCAAGAAGCAGCTGTCAAATACGACTCTCAGCTTTCTCAAAT
 GAAGAGAAGGTGGACCCAGGGGAACGACCTGAAAGCTATCTGCGAGCCGACTCCCAAGAGCCCTCCCTCT
 TTGATCCAGCAGCCGACGATGTTGGAAGAGGAAGGTCATGATAGCCATGCACACCACAAGAAGT
 CTACAATGAATATGTGCCAGGGGCTGCAAGAACAAGTGCATTACACTTCCACGATACGCTGGGCCAG
 TCCGACGACCTCATCCACCACATCAGACTACCATCACATTCTGCACCACCACCACCAGAACACC
 ACCCTCACAGCCACAGCCAGCGCTACTCTCGAGAGGAGCTGAAGGACGCCGGCATTGCCACATTGGCCTG
 GATGGTATCATGGGCGACGGGCTGCACAATTTAGTGAAGGCTTGGTATTGGTGTGCTTCCACCGAG
 GGTTTGTCCAGTGGGCTAAGCACCTCTGTCTGTGTTCTGTGATGAACTGCCTCATGAACTAGGTGACT
 TTGCTGTTTTGCTAAAGGCTGGCATGACTGTCAAGCAGGCTGTGCTCTATAATGCTCTGTGAGCCATGTT
 GGCCTACCTTGAATGGCAACAGGGATATTCATCGGCATTATGCAGAAAATGTTTCTATGTGGATATTC
 GCACTCACTGCCGGCTTGTTCATGTATGTCGCTCTGGTTGACATGGTGCCTGAGATGTTGCACAATGATG
 CTAGTGATCACGGATGCAGCCGTTGGGGATATTTCTTCTGCAGAATGCTGGGATACTTCTCGGTTTTGG
 AATTATGTTACTCATTTCATATTTGAGCATAAAAATTGTTTTCGTATAAAATTTCTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_139143
Insert Size: 2298 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:	<ol style="list-style-type: none">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_139143.3 , NP_631882.2
RefSeq Size:	3905 bp
RefSeq ORF:	2298 bp
Locus ID:	106957
UniProt ID:	Q8C145
Cytogenetics:	18 A2
Gene Summary:	May act as a zinc-influx transporter.[UniProtKB/Swiss-Prot Function]