

Product datasheet for **MC227353**

Slc39a13 (NM_001290765) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Slc39a13 (NM_001290765) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Slc39a13
Synonyms:	1100001L14Rik; AA387663; ZIP-13; ZIP13
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC227353 representing NM_001290765 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGCTGGATGTCCTGCCCTGGCTGTGGTATGGCAGGCCAAAGGCTCCTCTTCTCACTGTCCTTGCCC
TGGAGCTCCTGGAAAGGGCTGGAGGTTCCAGCCAGCCCTCCGGAGCCTGGGGGTCAGCTGCCTGTGC
CCTGGATAATAAAGAAAGCGAGTCTGGGGGGCTTTGCTGAGTGGGAGCGACTGGACACCTGGATCTGC
TCCTCTTGGGCTCTCATGGTTGGGCTCAGTGGGGTTTTCCCTTGGTGGTCATTCCCTGGAGATGG
GGACCCTGTTACAGTCAGAAGCCGGAGCCTGGCGACTGAGGCAGCTGCTCAGCTTGGCTTGGTGGACT
CCTGGGCAACGTGTTCTGCACCTGCTGCCGGAGGCGTGGGCTACACCTGTAACATCACCCCGCCACT
GGCTTGGCATGGCCTGTTAGTGTCCCCCTGCAGGTGGTGAAGGGCAGAGTCTGCAGCGACAGCAACAAC
TGGGGCTATGGGTCATCGCTGGCTTCTGACCTTCTGGCGTTGGAGAAGATGTTCTCAACAGCAAGGA
GGACCCAGCCAGGCCCCAGCAAGACCCACTGCTGCCGCGCTCAATGGAGGCCACTGTCTGGCCAG
CCGGCTGCAGAGCCCGCCTGAGAGCCGTGGTCCGGAACCTCAAAGTCAGTGGCTATCTCAACCTGCTTG
CCAACACCATAGACAACCTCACTATGGGCTGGCTGTCAGCTTCCCTTGAGCAAAAAGATCGG
GCTTCTGACCACCATGGCCATCCTCCTGCATGAGATCCCCATGAGGTGGGTGACTTTGCTATCCTGCTC
CGGGCTGGCTTTGACCGATGGACGGCAGCTAAGCTACAGTTTTCTACAGCCCTGGGAGGCCCTTCTGGGG
CCTGCTTTGCCATCTGTACACAGTCCCCAAAGGAGTAGAGGAGACGGTGGTCTGGATCCTGCCCTTAC
CTCGGGAGGCTTTCTCTATATCGCCCTGGTGAATGTGTTACCTGACCTCTTGAAGAAGACGACCCGTGG
CACTCCCTGCAACAGGTGCTGCTGCTCCTGCTCCGGTGTCTGGTATGGTGTCTTTCATTGTTTGTG
AATAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_001290765
Insert Size:	1125 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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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:	<u>NM_001290765.1</u> , <u>NP_001277694.1</u>
RefSeq Size:	2416 bp
RefSeq ORF:	1125 bp
Locus ID:	68427
UniProt ID:	<u>Q8BZH0</u>
Cytogenetics:	2 E1
Gene Summary:	Acts as a zinc-influx transporter.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longest transcript and encodes the longer isoform (a).