

Product datasheet for MC207821

Slc39a3 (NM_134135) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids

Tag: Tag Free

Symbol: Slc39a3

Synonyms: AI845814; ZIP-3; Zip3

Mammalian Cell Selection: Neomycin

Vector: pCMV6-Entry (PS100001)

E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >MC207821 representing NM_134135
Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGACGAAGCTTCTGGTGGCCAAGGTCTCTGCATGGTGGGCGTGTCTTCTTCATGCTGCTGGGCTCCC
TGCTGCCTGTGAAGGTCATCGAGGCTGACTTGGAGAAGGCGCACCGCTCCAAGAAGGTCCTGTCCCTCTG
CAACACCTTCGGGGGTGGCGTATTCTGGCTACATGCTTTAATGCACTGCTGCCTGCAGTGAGGGACAAG
CTGCAGCAGGTGCTGAGCCTGGGCCACATCAGCACCGACTACCCGCTGGCGGAGACGCTCATGATGGTGG
GTTTCTTCTCACTGTGTTCTGGAGCAGCTGGTGTGACCTTCCGCCGGGAGCGGCCCTCCCTTTATAGA
CCTGGAGACCTTCAACGCCGGCTCAGATGCGGGCAGCGACTCGGAGTACGAGAGCCCCTTCGTGGGTGTG
GGCAACCGTAGCCACAGCCTGTACCCTGAGCCACAGCGCACACCCATGGCGCGGGGCTGCGGCTGCGGG
AACTGGGCCGCCAGGGCCTCTGCGGCTGCTCAGCCTGGTCTTCGCGCTGTCTGCACACTCTGTGTTTGA
GGGCTTGGCGCTGGGGCTGCAGGAGGAGGGTGAAGCTGTGGTCAAGCTGTTTGTGGCGTGGCCATCCAC
GAGACGCTGGTGGCCGTGGCCCTGGGCATCAGCATGGCCCGCAGTCCGGTACCCCTGAGGGATGCGGCCA
AGTTGGCTGTGACCGTGAGCGCCATGATCCAGTGGGCATTGGGTTGGGCTGGGCATCGAGAGTGCCCG
CAGCGTGGCCAGCAGTGTGGCATCGGCGTGTACAGGGCCTGGCCGTTGGCACCTTCTGTTTGTACAC
TTCCTGGAGATCCTGGCCAAGGAGCTGGAGGAGAGGAGCGAGCAGCTGCTGAAGGTGCTGTTCTGGTGC
TGGGCTACGCCGTTCTGGCCGAATGGTCTTTCTCAAGTGGTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_134135



Insert Size:	954 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:	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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_134135.1</u> , <u>NP_598896.1</u>
RefSeq Size:	3479 bp
RefSeq ORF:	1047 bp
Locus ID:	106947
UniProt ID:	<u>Q99K24</u>
Cytogenetics:	10 C1
Gene Summary:	Acts as a zinc-influx transporter.[UniProtKB/Swiss-Prot Function]