

Product datasheet for MC212613

Slc39a2 (NM_001039676) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Slc39a2 (NM_001039676) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Slc39a2
Synonyms:	F730005G13Rik; Gm289; Gm1789; Zip2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC212613 representing NM_001039676 Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGAGGTAAGTACTAGGAGTAAAAATCGGCTGCCTGCTTCTCTGGTTCTCAGCTGGGCTGTGGCC
 TTAAGTCTACGTAAGTGGTCCAGATGGATGCAGCTACAGGTCATCACCACAGGGTCCTCAGCCT
 CCTGGGCTGCACCTCTGCAGGTGCTTCTTGGGAGCAGGGTTGATGCATATGACTGCTGAAGCTCTGGAG
 GGAATTGAGTCAGAAATTCAGAAATTCGTGAACAGAATAGTACAGGAAGTAAGGGAAATCTTCTCGTG
 ATGCTGCTTCTAGTTACGTGGAGTATCCCTATGGAGAGCTCGTCATCTCCCTGGGCTTTTCTTTGTCTT
 CCTTTTGGAGTCGCTGGCATTGCAGTGTGTACGGGGCTGCTGGAGGATCGACAGTACAGGAAGAGGAA
 TGGGGAGGGACTCATGCCCTTGGATTCCACAAGCATCCAGCGGTACCCCTACCCCTCACGGGGTCCCTTGC
 GCGCCCTGGTCTTCTGCTCTCCCTGTCTTTCATTCCGTGTTCAAGGCCTGGCTGTGGGACTACAGGC
 CACAGTGGCGGCCACCATAACAGCTCTGTGTGCTGTGCTGGCTCATAAGGGGCTTGTGGTGTTCAGTGTG
 GGCCTGAGGCTGGGGAAGATCGGCACTGGACCAGATGGGCCACGTTCTGCATACTGTCACTAGCTCTCA
 TGTCTCCTGTGGGCTAGCCCTGGGGCTGACCGTGGCTGGAGGAGCCTCAGGACAAACACAGGGATTAGC
 CCAGGCTGTATTAGAGGGCATAGCCGCTGGCACGTTTTATATGTCACCTTCTAGAAATTTGCCCGG
 GAGCTGGCTTGTCTGAGGCCCTCTGGCCAAGTATAGCTGTGTGGCTGCTGGGTTGCCCTCATGGCCC
 TTATTGCTTTGTGGCC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	SgfI-MluI
ACCN:	NM_001039676


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Insert Size:	930 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_001039676.2</u> , <u>NP_001034765.2</u>
RefSeq Size:	2334 bp
RefSeq ORF:	930 bp
Locus ID:	214922
Cytogenetics:	14 C2