

Product datasheet for MC211223

Slc25a18 (NM_001081048) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Slc25a18 (NM_001081048) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Slc25a18
Synonyms:	1500015I14Rik; AW125787
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC211223 representing NM_001081048 Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**C

ATGATCGCCTGCAGGATGTCCAGCCAGGACCTGAGCATCTCCGCAAACTCATCAATGGAGGTATAGCAG
GTCTTGTGGGGTGACCTGCGTGTTCCTTCCATTGACCTTGCCAAGACCCGACTACAGAACCAGCAGGGGAA
AGATGTGTACAGAGGAATGACAGATTGCCTGATGAAGACTGCACGTGCTGAGGGCTTCCTGGGCATGTAC
CGAGGGGCTGCAGTAACTCACCTGGTCACTCCAGAGAAGGCAATCAAGCTGGCAGCCAATGACTTCT
TGCGGCAGCTGCTCATGCAAGATGGGACGACGGAACCTGAAGATGGAGATGCTGGCCGGGTGTGGGGC
TGGAAATATGCCAGGTGGTGATTACCTGTCCCATGGAAATGCTCAAGATTAGCTGCAGGATGCTGGCCGC
TTAGCTGTCTGTATCAGGCTTCTGCCTCAGCCACACCCACCTCCCGGCCCTACAGCACTGGCTCGACTT
CCACCCACAGGCGCCATCGGCCACCCTCATTGCCCGGGAGCTGCTCCGCACTCAGGGCCTCTCTGGTCT
CTACAGGGGCTGGGTGCCACGCTCCTCAGGGACATTCCCTTCTCCATCATCTACTTCCCTTTGTTTGCA
AACCTGAACCAACTCGGAGTCAGCGAGCTACCGGCAAGGCCTCCTTACACACTCCTTTGTAGCAGGCT
GCACAGCAGGTTCTGTGGCAGCGGTAGCCGTCACCCCTCTGGATGTTCTGAAGACTCGAATTCAGACCCT
CAAGAAAGGCCTGGGTGAGGACCTACAGCGGAGTCACTGACTGTGCCAGGAAGCTCTGGACACAGGAG
GGGCCAGCAGCCTTCATGAAAGGAGCAGGCTGCCGTGCCCTGGTCATAGCCCCCTCTTTGGGATCGCCC
AGGGCGTCTACTTCATTGGCATCGGAGAGCGCATCTTGAAGTGCTTTAGTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	SgfI-MluI
ACCN:	NM_001081048



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Insert Size:	963 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:	NM_001081048.2 , NP_001074517.1
RefSeq Size:	1367 bp
RefSeq ORF:	963 bp
Locus ID:	71803
UniProt ID:	Q9DB41
Cytogenetics:	6 57.0 cM
Gene Summary:	Involved in the transport of glutamate across the inner mitochondrial membrane. Glutamate is cotransported with H(+) (By similarity).[UniProtKB/Swiss-Prot Function]