

Product datasheet for MC210516

Slc25a19 (NM_026071) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Slc25a19 (NM_026071) Mouse Untagged Clone
Tag: Tag Free
Symbol: Slc25a19
Synonyms: 2900089E13Rik; DNC; MUP1; TPC
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC210516 representing NM_026071
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGTTGGCTATGACGCCAAAGCAGATGTCAGGAGTAACCTCAAGTTGGAGGTGGCGGTGGCGGGATCAG
 TGTCAGGATTTGTCACCCGTGCCCTGATCAGCCCTTTGGACGTCAAGATCCGTTTCCAGCTCCAGAT
 TGAACGCCTGTGTCCAAGTGACCCCAATGCCAAATACCACGGAATCTCCAGGCAGCCAAGCAGATCCTG
 CAAGAGGAAGGCCCAAGAGCATTCTGGAAAGGACACGTTCCAGCCAGATTCTGTCCATAGGCTACGGAG
 CTGTCCAATTTTTGGCCTTTGAAGAGTTGACTGAGCTGCTCTACCAAGCCAACCTGTACCAACGCACCA
 GTTCTCAGCGCACTTTGTGTGCGGCGCCCTGTCTGCTGGCACTGCCACCCTCACCGTACACCCTGTGGAC
 GTCCTGCGTACCCGCCTTGCCGCTCAGGGCGAGCCCAAGATCTATAACAATCTGCGAGAGGCCATACGGA
 CCATGTATAAGACCGAGGGCCCTTCGTCTTCTACAAAGGCTTGACTCCCACCGTATCGCCATCTTCCC
 CTACGCGGGCTGCAGTTCTCCTGCTACCGCTCCTTAAAACGTGCCTATGACTGGCTCATACCACAGAC
 GGAAGCAAACAGGGAACCTTAAAAACCTGCTTTGTGGCTGTGGTTCGGGAGTTATCAGCAAGACCTTTA
 CATATCCCCTGGACCTCATCAAGAAGCGCCTGCAGGTGGCGGGTTCGAACATGCCCGGTCTGCCCTTGG
 CCAGTGCAGGACTACAGGGCCCTCCTGGACCTACCCAGCAGGTACTACAGGAAGAAGGCACCCGGGGC
 TTCTTCAAGGGCCTGTCCCCAGCCTGATGAAGGCTGCACTCTCCACTGGCTTCATGTTCTTCTGTTACG
 AGCTCTTCTGTAACCTCTCCACTGCATAAGGAGGGAAGACAGATAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_026071
Insert Size: 957 bp



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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_026071.3 , NP_080347.1
RefSeq Size:	2475 bp
RefSeq ORF:	957 bp
Locus ID:	67283
UniProt ID:	Q9DAM5
Cytogenetics:	11 E2
Gene Summary:	Mitochondrial transporter mediating uptake of thiamine pyrophosphate (ThPP) into mitochondria.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) is a predominant transcript and encodes the longest isoform (1).