

Product datasheet for MC225957

Slc25a19 (NM_001252396) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Slc25a19 (NM_001252396) 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: >MC225957 representing NM_001252396
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGTATAAGACCGAGGGCCCTTCGTCTTCTACAAAGGCTTGACTCCCACCGTGATCGCCATCTTCCCT
 ACGCGGGCCTGCAGTTCTCCTGCTACCGCTCCTTAAAACGTGCCTATGACTGGCTCATACCACAGACGG
 AAAGCAAACAGGGAACCTTAAAAACCTGCTTTGTGGCTGTGGTTCGGGAGTTATCAGCAAGACCTTACA
 TATCCCTGGACCTCATCAAGAAGCGCCTGCAGGTGGGCGGGTTCGAACATGCCCGGTCTGCCTTTGGCC
 AGGTGCGGAGCTACAGGGCCTCCTGGACCTACCCAGCAGGTAACAGGAAGAAGGCACCCGGGGCTT
 CTTCAAGGGCCTGTCCCCAGCCTGATGAAGGCTGCACTCTCCACTGGCTTCATGTTCTTCTGGTACGAG
 CTCTTCTGTAACCTCTTCCACTGCATAAGGAGGGAAGACAGATAG

ACGCGTACGCGGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI
ACCN: NM_001252396
Insert Size: 465 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).



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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_001252396.1</u> , <u>NP_001239325.1</u>
RefSeq Size:	2305 bp
RefSeq ORF:	465 bp
Locus ID:	67283
Cytogenetics:	11 E2
Gene Summary:	<p>Mitochondrial transporter mediating uptake of thiamine pyrophosphate (ThPP) into mitochondria.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (5) lacks an exon in the 5' coding region, which results in a downstream AUG start codon, compared to variant 1. The resulting isoform (4) is shorter at the N-terminus, compared to isoform 1.</p>