

Product datasheet for **MC227000**

Slc25a19 (NM_001252384) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Slc25a19 (NM_001252384) 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: >MC227000 representing NM_001252384
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGTTGGCTATGACGCCAAAGCAGATGTCAGGAGTAACCTCAAGTTGGAGGTGGCGGTGGCGGGATCAG
TGTCAGGATTTGTCACCCGTGCCCTGATCAGCCCTTTGGACGTCATCAAGATCCGTTTCCAGCTCCAGAT
TGAACGCCTGTGTCCAAGTGACCCCAATGCCAAATACCACGGAATCTCCAGGCAGCCAAGCAGATCCTG
CAAGAGGAAGGCCAAGAGCATTCTGGAAAGGACACGTTCCAGCCAGATTCTGTCCATAGGCTACGGAG
CTGTCCAATTTTTGGCCTTTGAAGAGTTGACTGAGCTGCTCTACCAAGCCAATTGTACCAACGCACCA
GTTCTCAGCGCACTTTGTGTGCGGCGCCCTGTCTGCTGGCACTGCCACCCTCACCGTACACCCTGTGGAC
GTCCTGCGTACCCGCCTTGCCGCTCAGGGCGAGCCCAAGATCTATAACAATCTGCGAGAGGCCATACGGA
CCATGTATAAGACCGAGGGCCCTTCGTCTTCTACAAAGGCTTGACTCCCACCGTATCGCCATCTTCCC
CTACGCGGGCTGCAGTTCTCCTGCTACCGCTCCTTAAAACGTGCCTATGACTGGCTCATACCACAGAC
GGAAAGCAAACAGGGAACCTTAAAAACCTGCTTTGTGGCTGTGGTTCGGGAGTTATCAGCAAGACCTTTA
CATATCCCCTGGACCTCATCAAGAAGCGCCTGCAGGTGGCGGGTTCGAACATGCCCGGTCTGCCCTTGG
CCAGGTGCGGAGCTACAGGGCCCTCTGGACCTCACCCAGCAGGTAACAGGAAGAAGGCACCCGGGC
TTCTTCAAGGGCTGTCCCCAGCCTGATGAAGGCTGCACTCTCCACTGGCTTCATGTTCTTCTGTTACG
AGCTCTTCTGTAACTCTTCCACTGCATAAGGAGGGAAGACAGATAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001252384
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).
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_001252384.1</u> , <u>NP_001239313.1</u>
RefSeq Size:	2638 bp
RefSeq ORF:	957 bp
Locus ID:	67283
UniProt ID:	<u>Q9DAM5</u>
Cytogenetics:	11 E2
Gene Summary:	Mitochondrial transporter mediating uptake of thiamine pyrophosphate (ThPP) into mitochondria.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (2) has an additional exon in the 5' UTR, compared to variant 1. Variants 1 and 2 encode the same isoform 1.