

Product datasheet for **MC207226**

Slc25a5 (NM_007451) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Slc25a5 (NM_007451) Mouse Untagged Clone
Tag: Tag Free
Symbol: Slc25a5
Synonyms: An; Ant2
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC207226 representing NM_007451
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGACAGATGCCGCTGTGTCCTTCGCCAAGGACTTCTTGCCGGTGGAGTGGCCGCAGCCATCTCCAAGA
CAGCGGTAGCACCCATCGAGAGGGTCAAGCTGCTGCTGCAGGTGCAGCATGCCAGCAAGCAAATCACGGC
AGATAAGCAATACAAGGGCATCATAGACTGCGTGGTTCGTATCCCAAGGAACAGGGAGTCTGTCTTC
TGGCGTGGGAACCTGGCCAATGTATCAGATACTTCCCCACCCAGGCTCTCAACTTTGCCTTCAAAGATA
AATACAAGCAGATCTTTCTGGGTGGTGTGGACAAGAGGCCAGTTCTGGCGCTACTTTGCAGGGAACCT
GGCATCAGGTGGTCCGCTGGGGCTACATCCTTGTGCTTTGTGTACCCTCTTGATTTTGCCTGACCCGT
CTAGCAGCTGATGTGGGCAAAGCTGGAGCTGAAAGGGAATCAAAGGCCTTGGTACTGCCTGGTTAAGA
TCTACAAATCTGATGGGATTAAGGGCTGTACCAAGGCTTTAATGTGTGTCAGTACAGGGCATTATCATCTA
CCGAGCTGCCTACTTTGGTATCTATGACTGCAAAGGGAATGCTCCAGATCCAAGAATACTCACATC
TTCATCAGCTGGATGATTGCACAGTCTGCACTGCTGCTGCTGGCCTGACTTCTTCTTTGACACGG
TTCGCCGTCGTATGATGATGCACTGAGTGGACGCAAAGGAACTGATATCATGTACACAGGCAGCTTACTG
CTGGCGGAAGATCGCGCGCATGAAGGGAGCAAGGCTTTTTTCAAGGGCGCATGGTCCAACGTTCTCAGA
GGCATGGGTGGCCCTTTGTGCTTGTCTTGTATGATGAGATCAAGAAATACACAT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_007451
Insert Size: 897 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_007451.4 , NP_031477.1
RefSeq Size:	1317 bp
RefSeq ORF:	897 bp
Locus ID:	11740
UniProt ID:	P51881
Cytogenetics:	X 21.2 cM
Gene Summary:	This gene encodes a transmembrane domain-containing protein that localizes to the mitochondrial inner membrane. The encoded protein facilitates the exchange of ADP from the cytoplasm with ATP from the mitochondria. Pseudogenes for this gene are found on multiple chromosomes. [provided by RefSeq, May 2015]