

Product datasheet for **MC207729**

Slc25a42 (NM_001007570) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Slc25a42 (NM_001007570) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Slc25a42
Synonyms:	2900084M01Rik
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC207729 representing NM_001007570 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGGTAATGGTGTGCAGGAAGGCTCGGTGCGCCTGCGAGAGGATGCTGAAGCCGCTCTGGCTGGGGCCG
TCTCCTCGAAGAGAGACCACAGGCAAGTCTCAGCTCCCTGCTGTCTGGAGCCCTGGCTGGTGCCTTGC
CAAGACAGCAGTAGCCCCCTGGACCGGACCAAGATCATCTTCCAAGTGTCTTCAAAAAGATTTTCTGCC
AAGGAGGCCTTCCGGCTCCTCTACTTCACCTACCTCAATGAGGGCTTCTCAGCCTTTGGCGTGGGAACT
CAGCCACCATGGTGCGAGTGATTCTTATGCAGCCATCCAGTTCAGCGCACACGAAGAATACAAGGCGAT
CCTGGGCCACTACTATGGCTTTTCGTGGAGAAGCCCTGCCCCATGGCCACGCCTCCTGGCTGGCGCCTTG
GCAGGAACCACTGCGGCTTCCCTCACGTACCCTTTGGACCTGGTTAGAGCAAGGATGGCTGTGACGCCTA
AGGAAATGTACAGCAACATCTTTCATGTCTTATCCGAATCTCGAGAGAGGAAGGACTGAAGACCCTCTA
TTTCGGGTTACCCCCACTGTGCTGGGTGTCATTCCCTATGCGGGACTCAGCTTCTTACGTACGAGTCA
CTGAAGAGCCTGCACCGAGAGTACAGTGGCCGCCCGCAGCCCTACCCCTTTGAGCGCATGGTCTTCGGGG
CCTGTGCTGGCCTTATCGGGCAATCGGCCTCTACCCTCTGGACGTGGTGGCGCGGCATGCAGACAGC
AGGTGTCACGGGCCACCGACGCTCCATCCTGAGCACACTACGCTCCATTGTACGTGAGGAGGGCGCG
GTGCGGGGCTCTACAAGGGCCTGAGCATGAACTGGCTGAAGGGCCCAATTGCCGTGGGGATCAGCTTCA
CCACTTTCGACCTCATGCAGATCCTGCTGCGCCGGCTGCAGAGCTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_001007570
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_001007570.2 , NP_001007571.1
RefSeq Size:	3181 bp
RefSeq ORF:	957 bp
Locus ID:	73095
UniProt ID:	Q8R0Y8
Cytogenetics:	8 B3.3
Gene Summary:	Mitochondrial carrier mediating the transport of coenzyme A (CoA) in mitochondria in exchange for intramitochondrial (deoxy)adenine nucleotides and adenosine 3',5'-diphosphate.[UniProtKB/Swiss-Prot Function]