

Product datasheet for **MC201896**

Slc25a20 (NM_020520) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Slc25a20 (NM_020520) Mouse Untagged Clone
Tag: Tag Free
Symbol: Slc25a20
Synonyms: 1110007P09Rik; C78826; Cact; mCAC
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC052871 sequence for NM_020520
AAGAGGTAATCCGACTGCCCGAGCTGACAGACAGACAGACAAGACTGAGCATGGCAGACGAGCCGAA
ACCCATCAGTCCGTTTAAGAACCTCTGGCTGGCGGCTTCGGCGGCATGTGCCTGGTGTGGGGCAC
CCCTGGACACGGTCAAGGTCCGACTGCAGACACAACCACCAAGTTTGTCTGGACAGCCACTATGTA
CTGGGACCTTGGACTGTTCCGGAAGACTCTTATGAGAGAGGGCATCACAGGGCTGTATCGGGCATGGC
TGCGCCCATATTGGAGTCAACCCATGTTTCGCGGTGTGCTTCTTGGGTTTGGTCTGGGGAAGAACTA
CAGCAGAAATCTCCAGAGGATGAACTTAGCTACCCACAGCTGTTACAGCTGGGATGTTATCTGGTGTGT
TCACCACAGGAATCATGACCCCTGGAGAACGGATCAAATGCTTACTGCAGATTCAGGCTTCTTCAGGGGA
GAACAAGTACAGTGGCACCTTGGACTGCGCAAAGAAGCTGTATCAGGAGTTCGGGATCCGCGCTTCTAC
AAAGGGACTGTGCTCACACTCATGCGAGATGTTCTGCCAGTGGGATGTATTCATGACATGAATGGC
TTAAAAATCTTCACTCCAGAGGGAAAGAGTGTCAAGTACCTCAGCGTGCCTCGGATCCTGGTGGCTGG
TGGCTTTCAGGGATCTTCAGCTGGGCCGTGGCAATCCCCCGGACGTGCTCAAGTCTCGATTCCAGACT
GCACCTCCTGGAAAATATCCTAATGGTTTCAGAGATGTGTTGAGAGAGCTGATCCGAGAAGAAGGAGTCA
CCTCCTGTACAAAGGGTTCAATGCAGTCATGATCCGCGCCTTCCCAGCCAACGCTGCCTGTTTCCTTGG
CTTTGAAATTGCCATGAAGTTCCTTAATTGGATTGCCCAACTTGTGAAGCTGAAGACTCTTCAAGACC
TGTGGATGCTGGACACTGTTGCTGAGAGGCTGGGCAGGAGGAGGAAATCCTGAGAGGGAGGGGAGGGAA
GAGGTGTGATCAGAGCTCCAGGCTTGGCTGTGATGGTGAAGTGTGCTTAAATGATACCTCTACCTTG
TATAACTTGGTGCCATTTTGAACCTTGAATTTAGAGGATTTCCAGAGAATTGGAGATGGAATAAATAGTT
TATAGACTCGATACCTTTGGCCAAATGCCACCTACTGGTTGACTGAAGGCCCTGTTACTACTCAAATAAC
TCCTTCCGAAGAGGTGATGGCTGACTCTGGAGGCCCTTGCCTACTTTCAGCCAGCTAAACCCAGGAG
CTGGGATCTTTAATTGCTAGCCAGGAAAACCTCAAGAGATGTCTCTGGTGCATCCATATACTCCTGGCTG
TGCATGGGATGTGGGTGTAAGCACACACTGTCTATCCAATGGACTGGGTAGATAATACCTAAGAACAG
CCCACCTACTAACCATTTTTTTTTGATATTTTTACACAAGAAATAATAAGAAGAAAGCTACAATTGTCTA
AATCCCCAGGAGAAAGTAGAGAATTTCCCTCCTACACAGTGAAGACAGTCCCAGCCTCCTGGGATAAGT
GTGAGAGCCATAATGTATGAAGGCTCCTTTTGCACATTCTTCCCATGAGAGCACTCAGTTTTAACAGG
AAACAATAAATATTGTTTCTAATTTTTAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAG



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Restriction Sites:	RsrII-NotI
ACCN:	NM_020520
Insert Size:	906 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).
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>BC052871</u> , <u>AAH52871</u>
RefSeq Size:	1735 bp
RefSeq ORF:	906 bp
Locus ID:	57279
UniProt ID:	<u>Q9Z2Z6</u>
Cytogenetics:	9 F2
Gene Summary:	Mediates the transport of acylcarnitines of different length across the mitochondrial inner membrane from the cytosol to the mitochondrial matrix for their oxidation by the mitochondrial fatty acid-oxidation pathway.[UniProtKB/Swiss-Prot Function]