

Product datasheet for MC200506

Slc25a17 (NM_011399) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Slc25a17 (NM_011399) Mouse Untagged Clone
Tag: Tag Free
Symbol: Slc25a17
Synonyms: 34kDa; 47kDa; PMP34; Pmp47
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC008571 sequence for NM_011399
 GCACACTCTGAGGCGCCTGAGTGAAAAAGTGTGGCACCATTGGCCTCTGTGCTGCTCCTACGAAAGTCTGGTA
 CACGCCGTGGCCGAGCCGTGGGAAGTGTGACTGCCATGACAGTGTCTTCCCCTGGATACTGCTAGAC
 TTCGGCTTCAGGTCGATGAGAAAAGAAAGTCAAAAACGACGCATGCAAGTCTCCTGGAGATAAATTAGGA
 AGAAGGCCTCCTGGCACCATAACCGAGGATGGTTTCCAGTTATTTCCAGTCTCTGTGCTCCAATTTTGTCT
 TATTTTTACACTTTAATAGCCTCAAAGCAGTGTGGTCAAAGGTGAGCGTTCTTCTACAGGAAAAGATC
 TCGTGGTTGGGTTGTAGCAGGAGTGGTGAACGTGCTGCTGACGACTCCGCTCTGGGTGGTAAACACCGAG
 ACTGAAGCTGCAGGGGCAAAATTTCCGGAATGAAGACATTATACCACTAACTACAAAGGCATTATCGAT
 GCATTCCACCAGATTATCGAGATGAAGGGATCTTGGCTCTGTGGAATGGCACCTTCCCCTCCTGTCTGT
 TGGTCTTCAACCCTGCCATCCAATTCATGTTCTATGAAGGCTTAAACCGCAGCTTCTAAAGAAACGGAT
 GAAGCTCTTCTCTGGATGTATTCATCATTGGCGCAATAGCCAAGCGATTGCCACCACAGTCACCTAT
 CCCATGCAGACGGTACAGTCAATTCGAGGTTTGGACGTATAGACTGAACCCAGAAAACAGGACCTGG
 GAAGTCTTCGGAATGTTCTCTCTCTTCTCACAGCGAGTCAAGCGCTTTGGAATAATGGGACTCTACAA
 AGGCCTGGAAGCTAAGCTGCTGCAGACAGTGTCTCACAGCCGCCCTCATGTTCTTGTGTACGAGAAAAGT
 ACAGCTGTACCTTACCCTAATGGGCCTGAAGAGCACACATAAGCACTGAGGCCCGCCACAGGACAGT
 GTGGAGACGCAGGTGCTGCACAGGGAGAAGAGGAACAGTTCTCCTTTCCCGTTGGTCCCATCCACACCAC
 AGACATTCCAGTCATTGGCTGTAAGGCATCAAAGGCTAAGCAGGGAGTATAGCCAGCTAAGCCTGTCTAC
 CTTTATGGGGTTTTTTTGGTGTTTTTATGGTGTGGTGTATTTGGGGGTAGAGGTTAGACTGATATGA
 AAATATTGAAACCCTGAAAATGTTAGTTTGGGTATTCAATTTTTCTCAAGGGGGTGGACTTTCCA
 TTGAAAGCTTTTTCTCAACTTGGCACTTGTCTTTTCTTTGCTAAATTCTCTCCAGGTTCCAGACGATTTA
 GTACCATAAATCTCCTCAGATGCTTTTCTGTCTTAATCTTGGTAAAGAGTTCTCTGAGAATAACATCAT
 GACTGTGCCATGGGCATGACTTTGTTTCCATCTGACTCTTTTCTCCTGCTTTAAGAGAGCTATTTATTT
 TGTGGGGGAAATGAAAATTAACCTAAATGATTTTCTAAAATTTGAAATGTCAATTTTATTGTTGGT
 GTTTGACATAGTTTTTTAATACATATTTATTTGCAATGTTTTTTATTACAAAAAAGCCTTGTCTGTT
 GTATGTCCATTTGTGCAAGCTCCAATCACATAAGCCTCAATAAATTTGTCAGCACACATACAGAAAAA AAAAAA

Restriction Sites: RsrII-NotI



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ACCN:	NM_011399
Insert Size:	924 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:	BC008571 , AAH08571
RefSeq Size:	1689 bp
RefSeq ORF:	924 bp
Locus ID:	20524
UniProt ID:	O70579
Cytogenetics:	15 E1
Gene Summary:	Peroxisomal transporter for multiple cofactors like coenzyme A (CoA), flavin adenine dinucleotide (FAD), flavin mononucleotide (FMN) and nucleotide adenosine monophosphate (AMP), and to a lesser extent for nicotinamide adenine dinucleotide (NAD(+)), adenosine diphosphate (ADP) and adenosine 3',5'-diphosphate (PAP). May catalyze the transport of free CoA, FAD and NAD(+) from the cytosol into the peroxisomal matrix by a counter-exchange mechanism. Inhibited by pyridoxal 5'-phosphate and bathophenanthroline in vitro (By similarity).[UniProtKB/Swiss-Prot Function]