

Product datasheet for MC200953

Slc25a17 (BC011292) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Slc25a17 (BC011292) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Slc25a17
Synonyms:	47kDa, Pmp47, PMP34, 34kDa
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC011292 GTGAAAAGTGTGGCACCATTGGCCTCTGTGCTGTCTACGAAAGTCTGGTACACGCCGTGGCCGGAGCCGT GGGAAGTGTGACTGCCATGACAGTGTCTTCCCCTTGGATACTGCTAGACTTCGGCTTCAGGTCGATGAG AAAAGAAAGTCAAAAACGACGCATGCAGTGCTCCTGGAGATAATTAAGGAAGAAGGCCTCCTGGCACCAT ACCGAGGATGGTTTCCAGTTATTTCCAGTCTCTGCTGCTCCAATTTGTCTATTTTACACTTTTAATAG CCTCAAAGCAGTGTGGTCAAAGGTCAGCGTTCTTCTACAGGAAAAGATCTCGTGGTTGGGTTTGTAGCA GGAGTGGTGAATGTGCTGCTGACGACTCCGCTCTGGGTGGTAAACACCAGACTGAAGCTGCAGGGGGCAA AATTTTCGGAATGAAGACATTATACCAACTAACTACAAAGGCATTATCGATGCATTCCACCAGATTATTG AGATGAAGGGATCTTGGCTCTGTGGAATGGCACCTTCCCCTCCTTGTGTTGGTCTTCAACCCTGCCATC CAATTCATGTTCTATGAAGGCTTAAACGGCAGCTTCTAAAGAAACGGATGAAGCTCTTCTCTGGATG TGTTTCATCATTGGCGCAATAGCCAAAGCGATTGCCACCACAGTCACCTATCCCATGCAGACGGTACAGTC AATTCTGAGGTTTGGACGTCATAGACTGAACCCAGAAAACAGGACCCTGGGAAGTCTTCGGAATGTTCTC TCTCTTCTTACCAGCGAGTCAAGCGCTTTGGAATAATGGGACTCTACAAAGGCCTGGAAGCTAAGCTGC TGCAGACAGTGCTCACAGCCGCCCTCATGTTCTTGTGTACGAGAACTGACAGCTGCTACCTTCACCGT AATGGGCTGAAGAGCACACATAAGCACTGAGGCCCGCCACAGGACAGTGTGGAGACGCAGGTGCTGCA CAGGGAGAAGAGGAACAGTTCTCCTTCCCCTTGGTCCCATCCACACCACAGACATTCCAGTCATTGGCT GTAAAGGCATCAAAGGCTAAGCAGGGAGTATAGCCAGCTAAGCCTGTACCTTTATGGGGTTTTTGGTG TTTTATGGTGTTTGGTGTATTTGGGGTAGAGGTTAGACTGATATGAAATATTGAAACCCTGAAAAA AAAAAAAAAA
Restriction Sites:	RsrII-NotI
ACCN:	BC011292
Insert Size:	924 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:	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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>BC011292</u> , <u>AAH11292</u>
RefSeq Size:	1200 bp
RefSeq ORF:	924 bp
Locus ID:	20524
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]