

Product datasheet for **MC202706**

Slc5a6 (NM_177870) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Slc5a6 (NM_177870) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Slc5a6
Synonyms:	E430023I20
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC085132 sequence for NM_177870
 GAAAGAACGTAGGAACCTTGGTAGCCCTGGCCGAACCACCGACGCAAGGCAAGCAGAACAGCAGCAGGTC
 TGACTGGAAGGGCGCTGGGAGAGACCCATCACACCTAAGGGGACAGCTATTGCTCTGGGTGACGACTCCT
 CAAAAGCTACTCACAGAATCAGTCGGTGCCTCTACCTGTGTCTGCCAGGCAGCTCTGCCGCAGAACAG
 GGATTGCTTCTCCAGCTGCCCTGGACCATGCTACTGGGTAGAAGAGGAACGCTGTGAGACTGAACGAGG
 AACCATCTCGTGACAGCTCAGAGCCCAGGAGTACCAAGTCACTGCAAAGCATCAGCACCCGTGAGGATGAG
 TGTGGCGAGCACTGCAGTCCCTCCATACAACCTCAGGCTCCAGCGGGGCTATTTCTACCTTTTGTGAT
 GTGGACTATGTGGTATTTGGCCTGTTGCTGGTCTCTCCCTTGTATTGGGCTCTATCATGCTTGTCTGTG
 GCTGGGGCCACCATAACGTTGGTGAAGTCTGATGGCAGACCGCAAAATGGGCTGTCTTCTGTGGCACT
 GTCCTTGTGGCCACCTCCAGTCAGCCGTGGCCATCCTGGGAGCACCAGCTGAGATCTTCCGATTTGGA
 ACCCAGTATTGGTTCCTGGGGTGTCTACTTCTGGGGCTCTGATCCCTGCTCACATCTTATCCCTG
 TCTTACCGTCTGCATCTGACCAGCGCTATGAGTACCTAGAGCTCCGTTCAATAAAGCAGTTCGGAT
 CTGTGGGACTGTGACCTTCTCTTTCAGATGGTATACATGGGAGTTGCTCTCTATGCACCATCCTTG
 GCCCTCAATGCAGTGACTGGATTTGATTTATGGCTGTCAGTGTGCCCTAGGAATTGTCTGCAACATCT
 AACTGCACTGGTGGGCTGAAGCTGTATCTGGACAGATGTGTCCAAACACTGGTCACTTCTCCGCGG
 GCAGCTGGTAGTGATCATTGTAGGAGCAGCCAGAGTGGGTGGCTTGGGCCATGTATGGAATTGACTTCC
 CAGCATGGCCTCATCTCTGGGATTAACCTGGATCCTGACCCTTTGTGCGTCATACTTTCTGGACTTTGG
 CCTTTGGAGGTGTCTTATGATGCTCTCCTTGTATGGAGTGAATCAGGCTCAGGTGCAGCGCTACCTCAG
 TTCCCACTCGGAGAGAGCTGTGTGCTCTCCTGTATGCAGTGTCCCTTCCAGCAAGTGGCCCTCTGC
 ATGAGTGCCTCATTGGTCTGGTGTGTTGCCTATTATAACATGTATAGCATGAGCCCCGAGCTGAAGC
 AAGCAGCCCCTGACCAGTTAGTCTCTATTTGTGATGGACCTCCTGAAAGACATGCCAGGGCTGCCTGG
 GCTCTTCGTTGCCTGTCTCTTTCAGTGGATCTCTCAGCACCATATCCTCTGCATTCATTCAGTGGCACT
 GTCACGATGGAAGACCTGATCCAGCCCTGGTCCCACAGTTGACTGAAACTCGGGCCATGCTTTCTC
 GAGGCCTTGCCTTGCCTATGGGCTAGTTTGCCTGGGAATGGCCTATATTTCTCTCATCTGGGATCAGT
 GCTCCAGGCAGCACTCAGTATCTTTGGCATGGTTGGAGGGCCACTGCTGGGACTCTTCTGCCTTGGACTG
 TTCTTCCCATGCGCAACCCTCTTGGTGCATTGTAGGCTGTTGACGGGACTCACCATGGCCTTCTGGA
 TCGGCATTGGGAGCATAGTAAGCAGGATGAGTTCTGCTGTGGCACCCCTCCCCTTAATGGATCCAGCTC
 TTCTGCCTGCCAATGTAAGTGTGCGCGCTGTGACCACCGTGTGCCTTCTACCCTGTCCAAGCCACA
 GGACTGCAGCACTTCTATCCCTGTCTATTTATGGTACAGCGCGCACAACTCCACCACAGTCATTGTAG
 TGGGCTGATTGTGAGTCTGCTCACTGGGGGAATGCGGGGCGGTCCTGAACCCCGGCACCATTTACCC
 TGTGCTGCCAAAGCTCCTAGCACTCCTGCCCTATCCTGCCAGAAGCGGCTTTGCTGGAGAAGCCACAGC
 CAGGATATCCCTGTGATCCCAACCTGTTTCCAGAGAAGATGAGGAATGGGGTGTGCAGGACAGCACAG
 ACAAAGAGAGGATGGCTGAAGATGGCCTCGTCCACCAGCCGTGCAGCCCTACCTACGTTGTCCAGGAGAC
 CTCCCTGTGACCTGGGGCGTGAAGTCTGCCCTCGCTGCAGACAGCAGCCGGAGGCTATTTTGTAGTGCAG
 AGATGACTCACTCACTCCGTGTGTTCTACAGTGTGAGGTGGATGACCTGGCCTACAGCAAAGGACCTTG
 AGCTTTAAAGTATCACCTCCATGGAAGCGGGGCGCATGCAAGGGCGAGACAGTTTTTCTCATCCCTTGC
 AAGCTTCTCTTAGGATTGGTTTGCAGGGTATAGAATCCCATCACGCGTGGGAAAAATAATGAATACACTA
 AGAAAAGGGTGGCATTGATTAAGTGACCAGGGTCTTTGGAGTGAGTAGGAACAGCATTCTTACAACC
 GCCCCAGGACCTGATTTGGCAAGACTGACTAGCTCTCTTTAGCCCTCTGGTGATTCTTCACTATCATGT
 CAACCTGGCTTATCATTGTGAGCCCTGAGGTCTTTTCGGTTCTCTGTAATACTCAAGTCTCTCTCATT
 CTTACCTACCTCGACTCTTGGAGGGAGGCTTTGGTATCCTTGGGTCTCAGCATGGACAGTTATGTATAT
 CTACTTGTATAGAGGGGACAGTTTTCCACATCGATCCTTGCCTCTTACGGCAGTACTTCAGGGCCCTC
 ACCAGGACCCCTTATGTAGTGTGCTATCCTCTAAACTCCTAAGCTAAGTACCCTGGTGTCACTTCTGTCA
 TCTGTGCAACTATTTTCTTTGGGAGTTTCTCTTTCATGCATTTTGTCTAGGGAATAAAAATAGCT
 GTTAGACCTGGAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: AscI-NotI
ACCN: NM_177870
Insert Size: 1905 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:	BC085132 , AAH85132
RefSeq Size:	3051 bp
RefSeq ORF:	1905 bp
Locus ID:	330064
UniProt ID:	Q5U4D8
Cytogenetics:	5 B1
Gene Summary:	Transports pantothenate, biotin and lipoate in the presence of sodium.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (2) differs in the 5' UTR compared to variant 1. All four variants encode the same protein.