

Product datasheet for **SC321537**

SLC25A17 (NM_006358) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SLC25A17 (NM_006358) Human Untagged Clone
Tag:	Tag Free
Symbol:	SLC25A17
Synonyms:	PMP34
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF:	>OriGene sequence for NM_006358.2 <pre> ACACCCTGAGCTCCGGTGCTCCTTCTAACTCCACTGGCTGCGCATCTGTGGGAAAAG TGTGGCTGGGTCTTCGAGGAGCCGACCAATGGCTTCCGTGCTGTCTACGAAAGCCTGG TCCACGCCGTGGCCGGAGCCGTGGGAAGCGTGACAGCAATGACAGTGTTCCTCCCTGG ATACAGCTAGACTTCGACTTCAGGTTGATGAGAAAAGAAAATCCAAACTACACACATGG TGCTCTGGAGATCATTAAAGAAGAAGGACTCCTGGCACCATATCGAGGGTGGTTTCCAG TGATTTCCAGTCTCTGCTGCTCCAATTTTGTCTATTTCTACACTTTTAATAGCCTCAAAG CACTCTGGGTCAAAGGTCAACATTCTACCACTGGAAAAGATCTGGTAGTTGGGTTTGTG CAGGAGTGGTTAATGTGTGCTAACAACCTCACTCTGGGTGGTAAACACCAGACTGAAGC TTCAAGGAGCAAAATTTAGGAATGAAGACATTGTACCAACAACTACAAAGGTATCATTG ATGCTTTTCATCAGATCATTCGCGATGAAGGAATCTCGGCTTTATGGAATGGCACATTTT CCTCATGCTGTTGGTCTTCAATCCTGCCATCCAGTTCATGTTTTATGAAGGTTTAAAC GGCAGCTTTTAAAGAACGGATGAAGCTTTCTCCTTGGATGTGTTTCATCATTGGTGCAG TAGCCAAAGCGATTGCCACCACGGTGACCTATCCCTGCAGACGGTACAGTCAATTCTGA GGTTTGGGCGTCATAGACTAAACCCAGAAAACAGAACATTGGGAAGTCTTCGGAATATTC TCTATCTTCTTACCAACGAGTAAGACGTTTTGGAATAATGGGACTCTACAAAGCCTTG AAGCCAACTGCTGCAGACAGTCTCACTGCTGCTCTCATGTTTCTGTTTATGAGAAAC TGACAGCTGCCACCTTCACAGTTATGGGGCTGAAGCGTGACACCAACACTGAGACGCCT TCCCATGAAAAATTCGAAGATGCTCAAGAGGGAGGTTTCTCCTGAGTGAAGAGAAGTG ATTCTCCCTTGACTCTGGCTCCTGCCACCACAAATGTTACCCTCATTGGCTTGAAAGCA TCCAAGGTGCACAGGGAGTATGGCCAACTGGACCTGTTGTCACCTTAATTGTCATGCTG GCTGGTTGGATTTTGGGGTGGCAGTTGGACTAATGTGAAAAAACATTGCTGAAACCTA AAAATGAAAGTTTGTGAGTGTATTGGTTTTCTTAAGAGAAATGGACTATTTTGCTCTC ATGTGTAATGTTTTCTATTTAAATCTTTCTTAAATATACCACTGTTCTCTTTCCCTGAA CTCTCCCCCAGGTTCTAGACAAATTTAATAACATGTAATTCTCCTCAAATACTTTTGTA TGTCTCAGTGTGGTGTTCCTCCCTAAACTAACATTAGGGCTGTGCCACGGGCATGA CTTTATTTTGTGGGCTTTTTTCTCCTGCTTAAGGAGAGGTGCTTTTTTGGATATGA GCTATTTATTTGTGAAATGAAATTTGTCACCCAAATGATTCTCTATAAACTATTTGT AAATGTCATTATTCATTAGTGTGGACATAATTTTAGAATATTTATTTGAATCAATC CTTTCATTACGAAAGACTTGAGGTTTTGTGTCCATCCTACAAGCCCTGGTCAGTCAAGT CCCAATAAATGGTCAGCATAAAAAAAAAAAAAAAAAAAAAAAAAAAAA </pre>
Restriction Sites:	Please inquire
ACCN:	NM_006358
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).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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.
RefSeq:	<u>NM_006358.2, NP_006349.1</u>
RefSeq Size:	2279 bp
RefSeq ORF:	924 bp
Locus ID:	10478
UniProt ID:	<u>O43808</u>
Cytogenetics:	22q13.2
Domains:	mito_carr
Protein Families:	Druggable Genome, Transmembrane
Gene Summary:	This gene encodes a peroxisomal membrane protein that belongs to the family of mitochondrial solute carriers. It is expressed in the liver, and is likely involved in transport. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Sep 2013] Transcript Variant: This variant (1) encodes the longest isoform (1).