

Product datasheet for **SC334677**

SLC25A17 (NM_001282727) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SLC25A17 (NM_001282727) Human Untagged Clone
Tag:	Tag Free
Symbol:	SLC25A17
Synonyms:	PMP34
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_001282727, the custom clone sequence may differ by one or more nucleotides

ATGGCTTCCGTGCTGTCCTACGAAAGCCTGGTCCACGCCGTGGCCGGAGCCGTGGGAAGCGTGACAGCAA
 TGACAGTGTTTTTCCCCTGGATACAGCTAGACTTCGACTTCAGGGAGTGGTTAATGTGTTGCTAACAA
 TCCACTCTGGGTGGTAAACACCAGACTGAAGCTTCAAGGAGCAAAATTTAGGAATGAAGACATTGTACCA
 ACAAACTACAAAGGTATCATTGATGCTTTTCATCAGATCATTGCGATGAAGGAATCTCGGCTTTATGGA
 ATGGCACATTTCCCTCATTGCTGTTGGTCTTCAATCCTGCCATCCAGTTCATGTTTTATGAAGGTTTAAA
 ACGGCAGCTTTTAAAGAAACGGATGAAGCTTTCTCCTGGATGTGTTTCATCATTGGTGCAGTAGCCAAA
 GCGATTGCCACCACGGTGACCTATCCCCTGCAGACGGTACAGTCAATTCTGAGGTTTGGGCGTCATAGAC
 TAAACCCAGAAAACAGAACATTGGGAAGTCTTCGGAATATTCTCTATCTTCTTCCACCAACGAGTAAGACG
 TTTTGAATAATGGGACTCTACAAAGGCCTTGAAGCCAACTGCTGCAGACAGTCCTCACTGCTGCTCTC
 ATGTTCTTGTATGAGAACTGACAGCTGCCACCTTCACAGTTATGGGGCTGAAGCGTGACACCAAC
 ACTGA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_001282727
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).


[View online »](#)

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>NM_001282727.1, NP_001269656.1</u>
RefSeq Size:	2075 bp
RefSeq ORF:	705 bp
Locus ID:	10478
UniProt ID:	<u>O43808</u>
Cytogenetics:	22q13.2
Protein Families:	Druggable Genome, Transmembrane
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (3) lacks two alternate exons in the 5' coding region, compared to variant 1. It encodes isoform 3, which lacks an internal in-frame segment and is shorter, compared to isoform 1.</p>