

## Product datasheet for **SC334954**

### SLC25A17 (NM\_001282726) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	SLC25A17 (NM_001282726) 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_001282726, the custom clone sequence may differ by one or more nucleotides

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ATGATTGATGAGAAAAGAAAATCCAAAACCTACACACATGGTGCTCCTGGAGATCATTAAAGAAGAAGGAC
TCCTGGCACCATATCGAGGGTGGTTTCCAGTGATTTCCAGTCTCTGCTGCTCCAATTTTGTCTATTTCTA
CACTTTTAAATAGCCTCAAAGCACTCTGGGTCAAAGGTCAACATTCTACCACTGGAAAAGATCTGGTAGTT
GGGTTTGTTCAGGAGTGGTTAATGTGTTGCTAACAACTCCACTCTGGGTGGTAAACACCAGACTGAAGC
TTCAAGGAGCAAATTTAGGAATGAAGACATTGTACCAACAACTACAAAGGTATCATTGATGCTTTTCA
TCAGATCATTTCGCGATGAAGGAATCTCGGCTTTATGGAATGGCACATTTCCCTCATTGCTGTTGGTCTTC
AATCCTGCCATCCAGTTCATGTTTTATGAAGGTTTAAAACGGCAGCTTTTAAAGAAACGGATGAAGCTTT
CTTCCTTGGATGTGTTTCATTCATTGGTGCAGTAGCCAAAGCGATTGCCACCACGGTGACCTATCCCCTGCA
GACGGTACAGTCAATTCTGAGGTTTGGGCGTCATAGACTAAACCCAGAAAACAGAACATTGGGAAGTCTT
CGGAATATTCTCTATCTTCTTACCAACGAGTAAGACGTTTTTGAATAATGGGACTCTACAAAGGCTTG
AAGCCAACTGCTGCAGACAGTCTCACTGCTGCTCATGTTCCCTTGTATGAGAAACTGACAGCTGC
CACCTTCACAGTTATGGGGCTGAAGCGTGACACCAACACTGA
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Restriction Sites:	Sgfl-MluI
ACCN:	NM_001282726
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).



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<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u>NM_001282726.1, NP_001269655.1</u>
<b>RefSeq Size:</b>	2347 bp
<b>RefSeq ORF:</b>	813 bp
<b>Locus ID:</b>	10478
<b>Cytogenetics:</b>	22q13.2
<b>Protein Families:</b>	Druggable Genome, Transmembrane
<b>Gene Summary:</b>	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 (2) contains an alternate exon in the 5' coding region and initiates translation at an alternate start codon, compared to variant 1. It encodes isoform 2, which has a shorter and distinct N-terminus, compared to isoform 1.