

## Product datasheet for MC203846

### Pex16 (NM\_145122) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Pex16 (NM_145122) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Pex16
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	<p>&gt;BC010822</p> <pre>TCAGGACGCAGGGCGCCGCTGCCAGCCTTGTGTCGGCCGGTGGGACTGTCGGTGGCCAGAGCAGGATGG AGAAGCTACGGCTCCTGAGCCTCCGCTACCAGGAGTATGTGACTCGTCATCCAGCCGCCAGGCCAGTT GGAGACGGCTGTGCGGGGCTCAGTTACCTGCTGGCAGGTCGCTTCTCCGATTCACACGAGCTGTCTGAA CTGGTGTACTCTGCCTCGAACCTGCTGGTGTGCTCAATGACGGGATCCTGAGGAAGGAGCTTCGAAAAA AGTTGCCTGTGTGCTGTCCCAGCAGAAGTTGCTGACATGGCTGAGTGTACTGGAGTGTGTGGAGGTGTT CATGGAGATGGGGCTGCCAAGGTGTGGGGCGAAGTAGGCCGTTGGCTCGTCATTGCTCTCATCCAGTTG GCCAAGGCCGCTCCTGCGCATGCTCCTGCTGATCTGGTTCAAGGCTGGCATTACAGACGTCACCCCCATTG TTCCACTGGACAGGGAAACTCAGGCACAGCCCTGGATGGTGACCACAATCCGGGCAGCCAGGAGCCATC ATATGTGGGAAACGGTCACACAGAGTGGTGCGAACCTCCAGAACAGCCATCCCTGCACTCACGGTAC TGGGGAGCCCTCAGCAGCGGAAATTCGGCAGAAACAGCAGCAGGAGGAACTGAGCACACCCCCAACAC CTCTGGGTTGACAGGAGACCATTGCAGAGTCTTTGTACATCGCCCGCCCTGCTGCACTTGCTCAGCCT GGGCTTATGGGTCAGCGATCGTGGACACCCTGGCTACTGTGTTGTTAGATATGACTAGCCTGAGT CTCCTGAGTGACAGGAAGAACTGACCCAGAGGGAGCGGCTAGAAGTGAAGCGTCGCACAATCCTGCTGC TATACTACCTGCTACGCTCACCGTTCTATGACCGCTTCTCTGAAGCCAAGATCCTCTTCTGCTCCAGCT GCTTACAGACCACATCCCTGGCGTGGGTCTGGTGGCAAGGCCGCTCATGGACTACTTGCCCTCCTGGCAG AAAATCTATTTCTACAGTTGGGGCTGACAGCCATGAGGGAGCTGGGGCAGAGGGCCATGTGCTGTGCTCT GCTGCTCTGGGCAGGGCCCTCAGCCCTCCAGTCCCCCAGGCCCTCTTCTCTAATAAACCTGACTCTG GTAGTGTCAAAAAAAAAAAAAAAAAAAAA</pre>
Restriction Sites:	RsrII-NotI
ACCN:	NM_145122
Insert Size:	1011 bp



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<b>OTI Disclaimer:</b>	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).
<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>	<a href="#">BC010822</a> , <a href="#">AAH10822</a>
<b>RefSeq Size:</b>	1221 bp
<b>RefSeq ORF:</b>	1011 bp
<b>Locus ID:</b>	18633
<b>UniProt ID:</b>	<a href="#">Q91XC9</a>
<b>Cytogenetics:</b>	2 E1
<b>Gene Summary:</b>	<p>Required for peroxisome membrane biogenesis. May play a role in early stages of peroxisome assembly. Can recruit other peroxisomal proteins, such as PEX3 and PMP34, to de novo peroxisomes derived from the endoplasmic reticulum (ER). May function as receptor for PEX3 (By similarity).[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the longer transcript and encodes the functional protein. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>