

## Product datasheet for **MC209163**

### **Pex7 (NM\_008822) Mouse Untagged Clone**

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Pex7 (NM\_008822) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Pex7  
**Synonyms:** MmPEX7  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Fully Sequenced ORF:** >MC209163 representing NM\_008822  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGAGCGCGCGCGGACGCTGCGGGTGCCCGGCCACGGCTATGCGGCCGAGTTCTCTCCGTACCTGC  
 CGGGCCGCTGGCTGTGCCGCGCGCAGCACTACGGCATCGCGGGCTGTGGAACCTATTAGTATTGGA  
 TCAAAAAGAATCTGGACTTCAGATTTTTAGAAGCTTTGACTGGAATGACGGCTTGTGGACGTTACCTGG  
 AGTGAAAACAATGAGCATGTCCTTGTACCTGTAGTGGTATGGCTCACTGCAGCTCTGGGACACTGCCA  
 AAGCCACAGGCCCTCTCAAGTCTATAAAGAGCACACGCAGGAGGTGTATAGTGTGATTGGAGCCAAAC  
 CAGAGGTGAACAACCTGTTGTGTCTGGCTCATGGATCAAAGTGTGGGATCCAACTGTTGGA  
 AATTCTCTGTGTACCTTTAGGGCCATGAGAGTGTCAATTTACAGCACAATCTGGTCTCCTCACATCCCTG  
 GTTGTTCGCTTCAGCCTCAGGAGATCAGACTCTGAGGATCTGGGATGTGAAGACCACAGGAGTACGGAT  
 TGTGATCCAGCACATCAGACGAAATCCTGAGCTGTGACTGGTGTAAATACAATGAGAACCTGGTGGTG  
 ACAGGTGCGGTTGACTGTAGTTTGAAGGCTGGGACTTAAGGAATGTGCGACAGCCTGTGTTTGAACCTC  
 TCGGTCACACATATGCTATCAGGAGGGTAAAATTTTACCAGTCCACGCCTCCGTGCTGGCCTCCTGCTC  
 CTATGACTTCACTGTAAGATTCTGGAATTTTTCAAAGCCTGATCCGCTTCTGAAACAGTGGAGCATCAC  
 ACAGAGTTTACTTGTGGCTTAGACCTGAGTCTCCAGAGCCCACTCAGGTAGCAGACTGTTCTGGGATG  
 AAACATAAAGATCTATGACCCTGTTTGTCTCACGGTTCCTGGT**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_008822



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<b>Insert Size:</b>	957 bp
<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="#">NM_008822.2</a> , <a href="#">NP_032848.1</a>
<b>RefSeq Size:</b>	1894 bp
<b>RefSeq ORF:</b>	957 bp
<b>Locus ID:</b>	18634
<b>UniProt ID:</b>	<a href="#">P97865</a>
<b>Cytogenetics:</b>	10 A3
<b>Gene Summary:</b>	<p>Binds to the N-terminal PTS2-type peroxisomal targeting signal and plays an essential role in peroxisomal protein import.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1). 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>