

## Product datasheet for MC226922

### Pex2 (NM\_001267715) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Pex2 (NM\_001267715) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Pex2  
**Synonyms:** D3Erttd138e; PAF-1; PMP35; Pxmp3  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC226922 representing NM\_001267715  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGACTGGCAAAGAAGAGAATATGCAGAGTGCAAACAGAGTGCTGAGGATAAGTCAGTTGGATGCACTTG  
 AACTGAATAAGGCCCTGGAGCAGCTTGTGTGGTCCCAGTTTACTCAGTGCTTTCATGGATTAAGCCAGG  
 ACTGTTAGCTCGCTTTGAGCCAGAAGTAAAGCATTCTGTGGCTTTTCCATGGAGGTTACCATCTAC  
 TCCAAAAATGCCACTGTGGGGCAGTCAGTTTTAAATATTCAGTACAAAAATGATTCTTCTCAACCTGA  
 TATACCAGCCACCGAGTAAAACAGAACTGTGGTATGCTGTGTGCACCATTGGGGGAAAGTGGTTAGA  
 AGAACGATGTTATGATTTGTTTCGAAACCGTCATTTAGCGTCTTTTGGGAAAGCCAAACAGTTTATGAAT  
 TTTCTGGTTGGACTTTTAAAATTAGGTGAGTTGATAAACTTCTTGATTTTCTACAAAAGGGAAAGTTTG  
 CACTTTGACAGAACGCCTCCTTGGCATTTCATCCGTATTTGCAAGCCCAGAACATGCGCGAAGTTGG  
 CTTTGAGTACATGAATAGGGAACCTCTGTCATGGCTTGTGTGAGTTTCTGATTTTCTTTACCACTT  
 ATCAATATCCAGAAGTTGAAAGCCAAATTGCTTCCTGGTGTATCCCTTCTACTGGTGTCTGGTCATG  
 ACAGTACACTAGGCAGCAGTGGAAAAGAGTGTGCTCTGTGTGGAGAGTGGCCACAATGCCTCACACTAT  
 TGGATGTGAACATGATTTTGTACTACTGTGTTAAGAGTAGCTTCTATTTGACATATACTTTACGTGC  
 CCGAAGTGTGGCACAGAAGTGCACAGTGTGCAGCCCTGAAATCAGGAATTGAAATGTCAGAAGTAAATG  
 CTCTTAG

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_001267715  
**Insert Size:** 918 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>OTI Annotation:</b>	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
<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><a href="#">NM_001267715.1</a></u> , <u><a href="#">NP_001254644.1</a></u>
<b>RefSeq Size:</b>	2006 bp
<b>RefSeq ORF:</b>	918 bp
<b>Locus ID:</b>	19302
<b>UniProt ID:</b>	<u><a href="#">P55098</a></u>
<b>Cytogenetics:</b>	3 1.96 cM
<b>Gene Summary:</b>	Somewhat implicated in the biogenesis of peroxisomes.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (9) differs in the 5' UTR compared to variant 1. All four transcript variants encode the same protein. Sequence Note: This RefSeq record was created from transcript and genomic sequence data because no single transcript from the same strain was available for the full length of the gene. The extent of this transcript is supported by transcript alignments.