

## Product datasheet for RN205643

### Pex16 (NM\_001012088) Rat Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Pex16 (NM\_001012088) Rat Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Pex16  
**Synonyms:** MGC109242  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >RN205643 representing NM\_001012088  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGCGGAAACTGGGTGGGAACCTGGACCTGCCTTTTAAGGTCGTTCTCCGATCCCACGAGCTGTCTGA  
GTTGGTGTACTCTGCCTTAACCTGCTTGTGCTGCTCAATGACGGGATCCTTCGGAAGGAGCTTCGAAAA  
AAAGTTGCCTGTGTCGCTGTCCCAGCAGAAGTTGCTGACATGGCTGAGTGTACTGGAATGTGTGGAGGTG  
TTCATGGAGATGGGGGCTGCCAAGGTGTGGGGCGAAGTAGGCCGTTGGCTCGTCATTGCTCTCATCCAGC  
TGGCCAAGGCAGTCCTGCGCATGTTCTTGTGATCTGGTTCAAGACTGGCATTACAGACATCACCCCCAT  
TGTGCCACTGGACAGGGAGACCCAGGCACAGCCCTTGGATGGCGACCACAATCTGGGCAGCCCGGAACCG  
TCATATGTGGGAAACGGTCAAACAGAGTGGTGCGAACCTCCAGAACAGCCCATCCCTGCACTCGAGGC  
ACTGGGGAGCCCCCAGCAGCGGGAAATTCGGCAGAAACAACAGCAGGAGGAACTGAGCACACCCCAAC  
ACCTCTGGGACTGCAGGAGACATTGCAGAGTCTTTGTATATCGCCCGGCCCTGCTGCACTTGCTCAGC  
CTGGGCTTATGGGGTCAGCGATCGTGGCACCCCTGGCTCCTGTCTGGTGTGGTGGATATGACTAGCCTGA  
GTCTCTGAGCGACAGGAAGAACTTGACCCGGAGGGAGCGGCTGGAAGTGGAGCGCGCACAACTCCTGCT  
GCTGTACTACCTATTGCGCTCACCGTTCTATGACCGCTTCTCTGAAGCCAAGATCCTCTTCTGCTTCAG  
CTGCTTGACAGCACATCCCTGGCATTGGCCTGGTGGCAAGGCCACTCATGGACTACCTGCCCTCCTGGC  
AGAAAATATATTCTACAGTTGGGGTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_001012088  
**Insert Size:** 939 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>	<u><a href="#">NM_001012088.1</a></u> , <u><a href="#">NP_001012088.1</a></u>
<b>RefSeq Size:</b>	1236 bp
<b>RefSeq ORF:</b>	939 bp
<b>Locus ID:</b>	311203
<b>Cytogenetics:</b>	3q24