

## Product datasheet for **RN203832**

### **Pex6 (NM\_057125) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Pex6 (NM_057125) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Pex6
Synonyms:	Paf-2; Paf2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN203832 representing NM\_057125  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGCGCTTGCTGTATTGCATGTCTAGAACCCCTCCCGACTGAGACACCACCGTTGGCGGTGCTGTTGC  
 CGCCCGGGGGCCCGTGGCCAGTGACCGGGTAGGCCTGGTGTGGCGCTACGGCCGGCGAGCGAAAGTCC  
 TGGCGGACCCCGCTGCTCGTGGCGGCCGTGGAAGGGTCCGGCGCCCAATGCGAGCAGCGAGGGCCCGGG  
 CCTCCGCCGCTGCTGGTGGCCGACGCTGCTGCGGGTCTAGCGCTGAGCCCGGAGCGAGAGTGCAGAG  
 CGCGGCCGTGCGGGCGCCTCCAGCCTTGGGCTGGGCGCTGCTTGGCACGTCTCCGGTCTGGGCTTGG  
 GCCTCGAGTCGGGCCGCTGCTGGTGCCTGCGGGGAGACACTACCGGTGCCCGTTCGAGTGTGGAG  
 ACGCGACCGCCCTTGAAGGGTGTGGGCCCGGGACACGGCTAGCTGTAAGTGGAGTCCAGGGGGCGGA  
 CCAAAGTGGACCGGAGAGTAGGACACACAACCATCCCCACCCCGCCGTAAGTTCTCTCTTTCAGT  
 TTCCCACTCAATCCGGCAGCTCCGAGGAGTTCTGGGAGGACTGGAGATGCACTAGTGTGAGCCGGAGC  
 TGCTCCGGAGTCTCGGGCTCTCCAGGGCGAATGGGTATGGGTGGCCGAGTCCGAGAGTTACCAAACA  
 CCTCCAGCCGCACTTGGCTCAAGTACAGTCTAGAGCCTCGCTGGGACCTGTCCGCGAGACTGGGACC  
 CAACTCTGGGAGCCGGGAGAGCCACTCGCGGACGGACTGGTGTGGTGTGCCTGCCACTCTAGCTTTAAT  
 CTCGGCTGTGACCCCTGGAAGTGGGAGAGCTCAGAATCAGAGGTATCTGGAAGACTCTACTGTGCTG  
 AGGACAAAGGAAGCTGCTCACTACTGCCTGGCCCTCCGTTTGTCTCGAGAGTTACACATCGAAGTTCTGCC  
 CTCGCCTCACTGTGGTGTCAATGGGAAATGACCATGTTCTCTACCAGCACTCCACACGCCAGGGTG  
 GTCCAGGAAGGGGATGTTCTGTGTGTCAACGGCTGGCAAGTTGAGATCCTGGAAGGAAGCCTGGAGA  
 GACTGCCAGGTGGCGGAGGTGTTTTCAAAGTGAAGAAAACGGTTGGAGAAGCCAGATGGGCCAGC  
 CAGTGCCTTCTGGCCGATACCACACACACTCTTTATACCTGGCTGGTACCACCCTGAGTCGTGTCCCC  
 CCGCTGCCTTCAGGAAGTCCCCACCCTGGGACAGCTTGTCTCCTCCAGGCTGGAGCCTTGGTAATG  
 AGCTGTGTGCTGTCTGAAGCCTCATCTGCAGCCCGGAGGAACACTGCTCACAGGAACAGCTGTGTGCT  
 CCTGCAGGGTCCCCAGGCAGCGGAAGACCACCGCGTACAGCTGCATGCAGTCGCTCGGGCTCCAT  
 CTGCTGAAGGTGCCTTGTCCAGCCTCTGTGCAGATAGCAGTAGGACTGTGGAGACAAAGCTGCAGACCA  
 CCTTCTCCCGGGCCCGCTGCAGGCCTGTGGTCTCCTGCTGACAGCCTGGACCTTCTGGGCCGGGA  
 CCGAGATGGGCTGGTGAGGATGCCCGCTTGTGGCCACACTGCGTCACCTCCTCTCGATGAGGACCT  
 CTGAGCAGGTGCCCTCCTCATGGTGGTGGCCACTACAAGCCGTGCCAGGACCTGCCACCGATGTGC  
 GGACGGCATTTCCTCATGAGCTGGAGGTGCCAGTGTGTCTGAGAGTCAGCGGCTCAGTGTCTGCAGGC  
 CCTCACTGCCATCTTCCCTTGGGCCAGGAGTTAACCTGTCACAGCTGGCACGGCGCTGTGCGGGCTTT  
 GTGGTAGGGGACCTCTATGCCCTTCTGACCCATGCCAGCCGGGACGCTGCACCAGGATCAAAGCTGCAG  
 GCTTGGCGATGAGTGAGGAGGATGAGGGGGAGCTGTGTGCCGCTGGCTTTCCCCTGTTGGCCGAGGACTT  
 CGGGCAGGCGTTAGATCAACTACAAACGGCTCACTCCCAAGCAGTAGGAGCGCCCAAGATCCCTTCAGTG  
 TCCTGGCAGATGTGGTGGCTGCAGGATGTGAAGAAGGAGATCCTGGAGACCATCCAAGTGCCTCTGG  
 AACCCCTGAGCTGCTAAGCCTGGCCTAAGACGATCAGGCCTTCTGCTCCATGGGCCCCAGGCAGTGG  
 CAAGACCCTGCTGGCCAAGGCGGTAGCCACTGAGTGCAGCCTCACCTTTCTCAGTGTAAAGGGGCCAGAA  
 CTATCAACATGTATGTGGGCCAAAGTGAAGAGAATGTTTCGGGAAGTGTTCAGGAGGACAGGGCTGCTG  
 CCCCCTGCATCATCTTCTTTGATGAAGTGGACTCCTTAGCTCCGAGCCGTGGACGAGTGGAGACTCTGG  
 AGGTGTGATGGACAGAGTTGTGTCTCAGCTCTTAGCTGAGCTGGACGGGCTTACAGCACTCAGGATGTG  
 TTTGTGATCGGAGCCACCAACAGACCAGACCTCCTGGATCCTGCCCTTCTGCGGCTGGCAGATTTGACA  
 AGCTGGTGTGGTAGGAGCAAGTGAAGACCGGGCCTCCAGCTGCGGCTTCTGAGCGCCATCACACGAAA  
 GTTCAAGCTGGAGCCTCTGTGACCTGATGAATGTGCTGGATTGCTGCCCGCTCAGCTGACCGGCGCA  
 GACCTCTATTCTCTGCTCTGACGCCATGATGACCGCCCTCAAACGAGGGTCCGAGACCTAGAGGAAG  
 GGCTGGAGCCTCGGAGCTCAGCACTGTTGCTACCATGGAGGACCTGTTGCAGGCCGAGCCCGGCTGCA  
 GCCCTCAGTCAGCGAGCAGGAGCTGCTGCGATACAAGCGTATCCAACGCAAGTTTCTGCTGCTGTAG

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

<b>Restriction Sites:</b>	Sgfl-Mlul
<b>ACCN:</b>	NM_057125
<b>Insert Size:</b>	2937 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_057125.1</a> , <a href="#">NP_476466.1</a>
<b>RefSeq Size:</b>	3169 bp
<b>RefSeq ORF:</b>	2937 bp
<b>Locus ID:</b>	117265
<b>UniProt ID:</b>	<a href="#">P54777</a>
<b>Cytogenetics:</b>	9q12
<b>Gene Summary:</b>	plays a role in peroxisome biogenesis and assembly [RGD, Feb 2006]