

Product datasheet for MC207528

Pex3 (NM_019961) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Pex3 (NM_019961) Mouse Untagged Clone
Tag: Tag Free
Symbol: Pex3
Synonyms: 1700014F15Rik; 2810027F19Rik; 2900010N04Rik
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC207528 representing NM_019961
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGCTGAGATCAATGTGGAATTTCTGAAACGTCACAAAAAGAAATGCATCTTCCTGGGCACAGTCCTCG
 GAGGAGTATATATCCTGGGAAAAATGGACAGAAAAAATAGAGAAATACAAGAAAGAGAAGCTGCAGA
 ATACATTGCCAAGCTCGGCGACAGTACCATTTTCAAAGCAACCAGAGGACTTGCAATATGACAGTGCTG
 TCCATGCTGCCGACACTGAGAGAGGCCTTAATGCAGCAGCTCAACTCGGAGAGTCTCACAGCTCTGTTGA
 AAAGCAGGCCTTCAAACAAGCTGGAAATATGGGAGGACCTAAAGATAATAAGTTTCACAAGAAGTATTGT
 AGCTGTATATAGCACGTGTATGCTGGTGGTTCTTTTGGGAGTCCAGTTAAACATAAATGGTGGATATATT
 TACCTGGATAATGCAACAGTTGGCAAAAATGGCACTACCGTTCTTGCTCCTCCGGATGTACAGCAGCAGT
 ATTTATCAAGTATTCAACACCTCCTTGGAGACGGCCTCACAGAGTTGGTCACTGTCATTAACAAGCTGT
 ACAAAGGATCTTAGGAAGTGTCTCTCTTAAACATTCCTTGTCCTTTGGACTTGGAGCAAAAACAAAA
 GAAATCAGAATCTTGTGAGCAACATCAGTCTTCTTGAATGATAAAGATGTGCCAGGCTTCACTGT
 GCCAGTACATGATGCCAGATGAGGAGACACCATTGGCAGCTCAGGCCTATGGGCTTCTCACAGAGATAT
 CACCACTATTAACCTTCTCAATGAGACAAGAGACATGCTGGAAAGTCCAGATTTTAGTACAGTTTTGAAT
 ACCTGTCTAAACAGAGGCTTCAGTCGGCTTCTAGACAACATGGCCGAATTCCTTCGACCCACTGAGCAGG
 ACCTACAGCATGGTAACTCCATAAACAGTCTGTCCAGTGTGAGCCTGCCTTTAGCTAAGATAATCCCAT
 AGTGAACGGGCAGATCCATTCAGTTTGCAGTGAGACACCTAGTCATTTTGTGCAGGATCTGCTGATGATG
 GAACAGGTGAAAGACTTTGCTGTAACGTGTACGAAGCGTTTAGTACCCCAACAACCTGGAGAAATGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_019961



Insert Size:	1119 bp
OTI Disclaimer:	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).
Components:	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).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.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.
RefSeq:	<u>NM_019961.3</u> , <u>NP_064345.1</u>
RefSeq Size:	2303 bp
RefSeq ORF:	1119 bp
Locus ID:	56535
UniProt ID:	<u>Q9QXY9</u>
Cytogenetics:	10 A2
Gene Summary:	<p>Involved in peroxisome biosynthesis and integrity. Assembles membrane vesicles before the matrix proteins are translocated. As a docking factor for PEX19, is necessary for the import of peroxisomal membrane proteins in the peroxisomes.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the longest transcript and encodes the longest 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>