

Product datasheet for **MC226921**

Pex2 (NM_001267714) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Pex2 (NM_001267714) Mouse Untagged Clone
Tag: Tag Free
Symbol: Pex2
Synonyms: D3Erttd138e; PAF-1; PMP35; Pxmp3
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >MC226921 representing NM_001267714
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGACTGGCAAAGAAGAGAATAATGCAGAGTGCAACAGAGTGCTGAGGATAAGTCAGTTGGATGCACTTG
 AACTGAATAAGGCCCTGGAGCAGCTTGTGTGGTCCAGTTTACTCAGTGCCTTCATGGATTTAAGCCAGG
 ACTGTTAGCTCGCTTTGAGCCAGAAGTAAAGCATTCTGTGGCTTTTCTATGGAGTTACCACCTAC
 TCCAAAAATGCCACTGTGGGCAGTCAGTTTTAAATATTCAGTACAAAAATGATTCTTCTCTCAACCTGA
 TATACCAGCCACCGAGTAAACTCAGAACTGTGGTATGCTGTGTGCACCATTGGGGAAAGTGGTTAGA
 AGAACGATGTTATGATTTGTTTCGAAACCGTCATTTAGCGTCTTTGGGAAAGCCAAACAGTTCATGAAT
 TTTCTGGTTGGACTTTTAAATAGGTGAGTTGATAAACTTCTTGATTTTCTACAAAAGGAAAGTTTG
 CACTTTGACAGAACGCCTCCTTGGCATTATTCCGATATTTGCAAGCCCCAGAACATGCGCGAAGTTGG
 CTTTGAGTACATGAATAGGGAACCTCTGGCATGGCTTGTGTGAGTTTCTGATTTTCTCTTACCCTT
 ATCAATATCCAGAAGTTGAAAGCCAAATGTCTTCTGGTGTATCCCTCTTACTGGTGTCTGGTCATG
 ACAGTACACTAGGCAGCAGTGGAAAAGAGTGTCTGTGTGGAGAGTGGCCACAATGCCTCACACTAT
 TGGATGTGAACATGATTTTGTACTACTGTGTTAAGAGTAGCTTCTATTTGACATATACTTTACGTGC
 CGAAGTGTGGCACAGAAGTGCACAGTGTGCAGCCCTTAAATCAGGAATTGAAATGTGAGAAGTAAATG
 CTCTTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001267714



[View online »](#)

Insert Size:	918 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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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_001267714.1</u> , <u>NP_001254643.1</u>
RefSeq Size:	2002 bp
RefSeq ORF:	918 bp
Locus ID:	19302
UniProt ID:	<u>P55098</u>
Cytogenetics:	3 1.96 cM
Gene Summary:	Somewhat implicated in the biogenesis of peroxisomes.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (8) differs in the 5' UTR compared to variant 1. All four transcript variants encode the same protein.