

Product datasheet for **MC203966**

Pex12 (NM_134025) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pex12 (NM_134025) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Pex12
Synonyms:	AI451906
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC021800
GTTTGATACAAAAACAAGTTCATGCTCACTAGAGTGTTCTGGGAAAAGTGAATCCCAGTTCACACAAGA
CACAATGGCTGAGTATGGGGCTCACATCACAACGCTTCAGTGGCGGACGACCAGCCATCCATCTTTGAG
GTGGTAGCACAGGACAGTTAATGACAGCAGTGAGACCCGCTCTTCAGCATGTGGTCAAGGTTCTTGCGAG
AATCAAATCCTGCGCACTATGGCTTCTCTGGCGGTGGTTTGTGAAATCTTCACTCTGCTAGACTTCT
GCTCCAGCAGCATTATCTTTCTAGAACTAGTGCCTCATTTTCTGAACTTTTATGGCTTAAAGCGGATT
GTGGCAGGGAGCTCGCCGCATCTTCAGAGACCGGCCAGTGTGGTCTTCCCAAGGAACACCTCTGGAAAT
CTGCCATGTTCTTGTCTTCTTCCCTATCTGAAAGTGAAGCTAGAGAAGCTGGCTTCTAGCTTGAGAGA
AGAAGACGAATACTCTATTACACCCCTTCTTCTCGCTGAAAACGATTCTACAGAGCCTTCTGCGCGCC
TACCCTTTTGTTAACATGGCCTGGGAAGGCTGGTTTCTTACACAACAACGCTTACATCTTGGGAAAAG
CTGAGCATCACTCTCCCCTGCTGAAACTGGCTGGAGTTGCGTTAGCTCGACTGACAGCTCAGGACATGCA
AGCTATCAAACAGAGACTGGTTGAAGCCAGTGAATGCAGGAGCCCGTCAGAAGCGTTGGTGAGAAGATA
AAGTCAGCTCTGAAGAAAGCTGTGGGAGGTGTTGCCTTATCCCTCTCGACTGGCCTCTCTGTGGGTGAT
TCTTCTGCAGTTTCTTACTGGTGGTACTCTTCTGAGAACCAAGAAGCCATCAAATCACTGACTGCCCT
GCCCACTCCACCACCACCTGTACACCTAGACTACAACCTGATTCTCCCCTTACCCAAAATGAAAACA
GTGTGCCCACTCTGTCTGAAAACCTCGAGTGAATGATACGGTTCTTGCCACCTCTGGCTATGTATTCTGTT
ACCGCTGTGTGTTAATTATGTGAGGAGTCAACAGCCTGTCCCATTACAGGGTATCCAACAGAAGTCCA
GCATCTAATTAACCTCTACTCTCCAGAGAACTGAAAGAGCTTAGTGCAATTATCTCACCCTCAAGTTCTA
TACTCTAAGGCCATGAGACGGTTTTAGTATGGCAGACAACAGTGATACTTCCCTGATTACATAACTACATT
AACTTTAAGTAGTTACATGGGTTTTCTTTAAAAGGATATATCCATTCGATCCTAACCTTTTGGTTTGTCT
CTACCAAGCTGGTTAAGCAGGAGAATCAGGATTATCGGTGGTGTGAGAGCCAATGTGGAGGTGAGTTATA
AAAGACCACCTCACTTAAAGAGTAAGGTTTTAAGTTGGATGTGGTAGTATAGTATCAACTCTGGAGAT
GGAGGCAGGATTTTGTGTTCAAGGCCACCATAGGAGACTGTCAAAGTAAAATGAAAGTGAAGACTGA
TTAAGAGGGATAAAAATACAGGAAACCTCAGGTTAGACCTTATAAAGCAAGTGGTTTGGGAAGCAGGC
CTTCTCTTTAGAAAACATTACTTTTGAATTAGAGGCTTTATCAGACATGGACTTTCTTTTATAGAATG
CTTTAGAGAAAAGCCCTTCCATCTATCATGACTACTAACATCTACCACAGTTTATCAGCATTTGAAGA
TTTCTTGATGATCCATACTTGTCTTGGGATAGGTTTTGTTTATAGGGAGGAGTCTGGAAATTTCAAGT
GAATGAAAACCTAGCAGGCAATGGTGTGAGTGCAGTAAAATCCTTATCTAATGTTTACCTGATGCCTACCTA
GTGAAGAGTTAATGAAGGCAGAAAGCCTTCTGCTTGTCTCATGAGTTTGTCTCAACTGGCAGTTTGTCTCA
GTTGATATGAATCATGCTAGGTATTATGAAAGTTTCTATGAAACATTTAAGTCAATTTTAAACAATACATG
ATTCTGGGAAAGAATTGTTCCATGCTGTCATGATTATGCGGAAACCCAAAAGATTACTTCAGGGGTTTAA
ATAAATTTCCGTTTCAAGTCAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_134025

Insert Size: 1080 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:

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: [BC021800](#), [AAH21800](#)

RefSeq Size: 2135 bp

RefSeq ORF: 1080 bp

Locus ID: 103737

UniProt ID: [Q8VC48](#)

Cytogenetics: 11 C

Gene Summary: Required for protein import into peroxisomes.[UniProtKB/Swiss-Prot Function]