

Product datasheet for **MC200437**

Pes1 (NM_022889) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pes1 (NM_022889) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Pes1
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC004844 sequence for NM_022889
AAGTAGCTCTGGTGTCTGGCTGCCTTGAATTTCTCAACGTGGAGCTATGGGAGGTCTGGAGAAGAAGAA
GTATGAACGAGGCTCTGCCACCAATTATATCACCCGAAACAAGGCCAGGAAGAAGCTGCAGCTGAGCCTG
CCTGACTTCAGGCGGCTGTGCATCCTGAAAAGTATTTATCCTCACGAACCCAAGCATAAGAAGAAAGTTA
ACAAGGTTCCACAGCAGCCCGGACATTTACCTTATCAAAGACATTAATTCCTCCTCCATGAGCCCAT
CGTCAACAAGTCCGAGAGTACAAGGTGTTTGTTCGGAAGCTCCGCAAAGCCTATGGAAGAGCGAATGG
AATGCTGTGGAGCGCTGAAGGACAATAAACCTTGCTACAACTTGACCACATTGTCAAGGAGCGGTACC
CCACATTTATCGATGCTCTGCGGGACCTCGATGATGCCCTGTCAATGTGCTTCCTCTTCCACCTTCCC
TCGGACTGGCAAGTGTATGTGCAGACCATTAGTTGTGCCGTAGGCTCACTGTGGAGTTCCTGCACTAT
GTCATCACTGCCGAGCCCTGCGCAAGGTCTTCTGTCCATTAAGGCATTTATTATCAGGCTGAGGTGC
TGGGTCAGCCCATCGATGGATTGCACCCTATGCTTTCTCCATGATCATCCGACAGATGTGGACTACAG
GGTCATGGCCACCTTCACTGAGTCTATACCACGCTCCTGGGCTTTGTCAACTCCGCTCTACCAGTCA
CTCAACCTTCACTACCCACAAAGCTTGAAGGTCAAGCCCAAGCAGAGACAAAGATCAGCGAGGACACAT
ATGCATTGGACTCTGAGAGCTCTATGGAGAACTGGCTGCCCTCAGTGCCAGCCTGGCCGAGTGGTGGT
GCCTGCTATAGAGGAGGCTGAGGCTGATGAATTCCTACTGATGGGGAGGTGACAGCACAGGAGGAAGAT
CGGAAGAAAGAGCTGGAGGCACAGGAAAAGCACAGAACTCTTTGAAGGCCTGAAGTTCTTCTGAACC
GAGAGGTGCCCGTGAAGCATTGGCCTTATCATCAGGAGTTTTGGTGGGGATGTATCCTGGGACAAGTC
TCTGTGTATCGGAGCCACCTATGACGTCACAGACTCATGCATCACCCACCAGATTGTTGACCGGCCGGGG
CAGCAAACCCCATCATTGGCAGTACTATGTACAGCCCCAGTGGGTCTTTGACTGTGTGAATGCCCGGC
TCCTCCTCCTGTGGCAGAGTACTTCCCGGGATGCAGCTGCCCCACATCTTTCACCCTTCGTATCTGA
GAAGGAAGGAGATTACATTCCCCTGAGAAGCTGAAGCTCCTGGCTCTGCAGCGGGGAGAAGACCCAGGA
CACTTGAAGAGGAGGAGGAGGAGGATGAAGATGATGACAACGAAGGTGATGTTGCAGCGGAAAAATGAAG
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CAGGCTGGAAGAGAAGAAACCCAGGTTATGGCCGGCACGTGAAGCTGGAAGACAAGCAGCGGCTGGCC
CAGGAGGAAGAGAGTGAAGCTAAGCGCTTGGCCATCATGATGATGAAAAAGCGAGAGAAGTACCTTTACC
AAAAGATCATGTTTGGCAAGCGCGCAAAATCCGAGAGGCCAACAAGCTGGCAGAGAAGAGGAAAGCCCA
TGATGATGCTGTGAGGTCTGAGAAAAAGGCCAAGAGGACAAGGCCCGTGTGAGCTCCAGTTGTCCCTCAC
TGAGATTTGGACTTGGCAGAAGCAAGCTAGTGAACACACATACACACCAGCCAGCACTCTCATACTTTG
GTGGTATGTGGCTAGCCCCAGCCGCTTTGTGGTTCATGCCAGTGCCTGGGCAAAGACCTCAACCCAA
CGCAGTTCTTAATCCAGGAGTCCGTCTGACATCCTCATTTTCTTGGCTTTCTACAGCCTCTACATAGC
TGTGCCATCCTGTGCTCAGGATGCTGTTGCGGAGTGAAGGTGGTGAAGTTTTATTAAATGGTTGGA
TCTTTACAGCCAATTGGATTCTGTGTTCAAGGCCTCCCTGGGATTGGAGAGGTGCATCCTCTCCAATC
CAGATGGGTTCAAGCACACTAGGACTCCCGAGTCAAGGAAGGTAGAAAAAGACACAGGTTCTGGGCTTGG
GTTTCACTCACACTTGCCTGGCCTGGTTCCTGTTTCACTCAGGCTCTACTCTGAACCTCCTTCTCAA
GTTAGGTTTGAAGTTCTGGAACCTTCCCAACAAGCAGTATGCTTGTCCAATTCAGTCATGGTCCATAAAC
AACTGTCTTCCCTCACTTCTGTGGAGTTCCTGAGAAGGTGAAAGGAGGCATCTAAGTTGAGGTTTCTT
TTGCTGTGATGAAGCACCATAACCAAAAAGTAAAGCTGGGAGAAAAGTATGTATGGCTCACACTCCACA
TTGTATGTACAAAAGTGTATGGCTCACACTTCCACATTGTATGTACAAAAGTGTATGGCTCACACT
TCCACATTGTATGTACAAAAGTGTATGGCTCACACTTCCACATTGTATGTACAAAAGTGTATGGCT
CACACTTCCACATTGTATGTACAAAAGTGTATGGCTCACACTTCCACATTGTATGTACAAAAGTGT
ATGGCTCACACTTCCACATTGTATGTACAAAAGTGTATGGCTCACACTTCCACATTGTATGTACAAA
GTGTATATGGCTCGCATTTCCACATTGTATGTGCAAAAAGTATGTATGGCTCACACTTCCACATTGTATG
ACAAAAGTAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI
ACCN: NM_022889
Insert Size: 1755 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:	BC004844 , AAH04844
RefSeq Size:	2893 bp
RefSeq ORF:	1755 bp
Locus ID:	64934
UniProt ID:	Q9EQ61
Cytogenetics:	11 A1
Gene Summary:	Component of the PeBoW complex, which is required for maturation of 28S and 5.8S ribosomal RNAs and formation of the 60S ribosome.[UniProtKB/Swiss-Prot Function]