

Product datasheet for MC202383

Pelo (NM_134058) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pelo (NM_134058) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Pelo
Synonyms:	AA409897; AI852218
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC057160 sequence for NM_134058 GCGAGCGTCCCCTGTTCTGAAGTACCCCTGCTGAGGTCATGAAGCTCGTGAGGAAGGATATCGAGAAG GACAATGCGGGCCAGGTACCCCTCGTCCCGAGGAGCCCGAGGACATGTGGCACACCTACAATCTAGTGC AGGTGGGCGACAGCCTGCGCGCCTCCACCATCCGCAAGGTCCAGACCGAGTCTCCACGGGCAGCGTGGG GAGCAACCGTGTCCGCACCAACCTCACCTTTGCGTGGAGGCCATCGACTTCGACTCCCAGGCCTGCCAG CTGCGGGTGAAGGGGACCAATATCCAAGAGAATGAGTATGTCAAGATGGGGGCTTACCACACCATCGAAC TGGAGCCCAACCGCCAGTTCACCCTGGCCAAGAAACAGTGGGACAGTGTGGTTCTGGAACGCATCGAGCA GGCTTGCAGCCCGGCGTGGAGCGCTGATGTGGCAGCTGTGGTCATGCAGGAGGGCCTGGCCACGTCTGC TTAGTCACGCCCAGCATGACCCTTACCCGGGCCAAGGTGGAGGTGAACATCCCCAGGAAACGAAAGGCA ACTGCTCCCAGCATGACCGGGCCCTGGAGCGGTTCTATGAACAGGTGGTCCAGGCCATCCAGCGCCACAT AAACCTTCGAGGTTGTAAAGTGCCTTCTGGTGGCCAGCCCTGGATTTCGTGCGAGAGCAGTTCTGCGATTAC ATGTTTCAGCAAGCTGTGAAGACGACAATAAAGTGCTCCTGGAAAACCGCTCCAAATTCCTTCAGGTGC ACGCCTCCTCTGGACACAAGTACTCCCTGAAAGAGGCCCTCTGCGACCCTACTGTAGCGAGCCGCTTTTC AGACACAAAGGCAGCGGGCGAAGTAAAGCCTTGATGACTTCTACAAAAATGTTACAGCAGGAGCCCGAC CGAGCGTTCTATGGACTCAAGCAGGTGGAGAGGGCCAACGAAGCCTTGCCATAGACACTTTGCTCATCA GTGATGAGCTCTCCGGCATCAGGATGTGGCCACCCGAGCCGGTATGTCAGGCTGGTGGACAGTGTGAA GGAGAATGCGGGCACCGTAAGGATATTCTAGTCTCCATGTGTCGGGGGAACAGCTGGGCCAGCTGACG GGAGTAGCCGCCATTCTCCGCTTCCCAGTGCCAGAAGTTCTGACCAAGAGGATGATTCAAGTTCTGAAG AGGATTAAGACTGGCAGTTAATAGTTTCTGCTCCCTGGTTTTCTCAGCATCCTTGGCAGGTGCCAGAGCAGC ACTTGTTGATCCTGCTGGGTTTCTTGTGTGGTTTACATTAAAGTGTGTTTATGATTTGGGCGGCAGG ACATGTATTCAAATTAATAAATCACGACGATGTCCAAGCTTAAAAAAAAAAAAA
Restriction Sites:	RsrII-NotI
ACCN:	NM_134058
Insert Size:	1158 bp


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OTI Disclaimer:	Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery. The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	BC057160 , AAH57160
RefSeq Size:	1387 bp
RefSeq ORF:	1158 bp
Locus ID:	105083
UniProt ID:	Q80X73
Cytogenetics:	13 D2.2
Gene Summary:	Required for normal chromosome segregation during cell division and genomic stability. May function in recognizing stalled ribosomes and triggering endonucleolytic cleavage of the mRNA, a mechanism to release non-functional ribosomes and degrade damaged mRNAs. May have ribonuclease activity (Potential).[UniProtKB/Swiss-Prot Function]