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Product datasheet for MC202352

Mtpap (NM_026157) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Mtpap (NM_026157) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Mtpap
Synonyms:	0610027A18Rik; AW551379; Papd1
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)

View online »

Fully Sequenced ORF:

>BC057643 sequence for NM_026157
GATAATGGCTGCTCGCGGCGTGGGGTTATTGACCCGTTTGCCCGTGTGTTCCCAGAGACGGAACCGAATC
CCGCGCTCTATTTCCAGGCTCCTCAGTTGTCCAGGGACTATTGCGGCGAGCATCGGGAGCGAAGAACAGT
CTTCGGTGGTTGCGGAAACAGGCATTGAAGACAAGACCCTCCAAAAGAAATTCTCTGAGGTGCAGAAAGA
GAGAAGAGAACAGGCCCAGCGGACTGTTTTGATACATTGTCCAAATAATATCAATGAGAAAAAATTTCTC
AAGTATTTATCCCAGCATGGACCAGTCAATAATCATTTCTTCTACGAGAGCTTTGGTCTCTTTGCTGTTG
TAGAATTTTGCCAAAAAGACAGTATAAAGTCATTGCAGAATGGAACACATACTCCAACCCAGAGCACAGA
GGCTGCAATTCCATTTAAGTCACGGTTCTTGAACTTAAGGCTGAAGAATCCGTCTAGCCAAGTATCTGGA
CAGCCATTTGTACAGACAACCAACCAGTCACCTCCTTCAAGCAAAAAGCTCTTTGAATTACTGAGTTATG
CAGAAAGCATAGAGGAGCAGCTGAACACTCTCCTGAAGGCCTTCCAGCTCACAGAAGAGAAATATCAGGCT
CCGCCATCTCACCTGCTCTCTGATTGAGGACATTGCTGCTGCATATTTTCCCAGCTGTGTCATCCGGCCC
TTTGGCTCCTCAGTGAACACATTTGGCAAATTAGGATGTGATTTGGACATGTTTTTAGATCTAGATGAAA
CTGGAAAACTTGATGTTCACAAGAATACAGGGAATTTTTTTATGGAATTTCAAGTGAAAAACGTTCCTTC
AGAAAGAATTGCAACCCAGAAGATCCTATCTGTAATAGGAGAGTGCCTTGACAATTTTGGCCCTGGCTGT
GTGGGTGTTCAGAAGATACTCAATGCTCGATGTCCACTGGTGAGATTCTCCCATCAGGGCTCTGGATTCC
AGTGTGATCTGACTGCTAACAATAGTATTGCTTTGAAAAGTTCCGAACTCCTTTATATATATGGCTCCCT
GGATTCGAGAGTAAGAGCTTTGGTGTTCAGTGTGCGATGCTGGGCTCGGGCACATTCATTAACAAGCAGT
ATTCCTGGTGCTTGGATTACAAACTTCTCCTTAACAGTGATGGTCATCTTTTTCCTCCAGAGAAGATCAC
CTCCCATTCTTCCAACTCTAGATTCCCTAAAGTCCATAGCAGATGCTGAAGATAGATGTATTCTAGAGGG
GAACAATTGTACATTCGTCCAGGATGTGAATAAAATTCAACCTTCTGGAAACACAGAAACATTAGAATTA
CTAATAAAGGAATTTTTTGAGTATTTTGGCAATTTCGCTTTCAATAAAAATTCCATAAACATTCGACAGG
GAAGGGAACAAAACAAGCCTGATTCCTCTCCTCTATACATCCAGAATCCTTTTGAAACATCTCTCAACAT
AAGCAAAAATGTCAGTCAGAGCCAGCTACAAAAATTTGTGGAACTGGCAAGAGACAGTGCCTGGATTTTG
GAACAGGAAGATAAGAATCAGCCTTTTTCTTCGAGTAGGCAACCCTGGGGACTGGCTGCCCTCCTGCTGC
CACCGGGGTCAGGCCACACATCTCTCTCCCGGAAGAAGAAGAAAAAGCCGATGAGTGAAAAAGTCAAAGG
CTTGTTAGCATCCATAAAAAGTAACAGCCCTGACAGTTCCACAGATACCAGTGGAAAGAGAACAATTAGT
ACACAGGCATGATGCAGCCTTTTGAACTTCTGGGAAGAACTGCCACTAAATGTTCATAGGCCTTAACAGT
TATATATCTGATGTCATCATGCTTTTACTCGATCTGAAGTTCTGGATATTTCCTTCCGATCAGATGGAGT
TTATTAAAATATCACTGGCAAAAAATTGGCAAAAGGCATATTTGAACTCTGCAAAGTGAATCGTAAAATG
AATTTTACAGCAACCTGGTTGATAATTCTGTCACTCTCTAGTTGAAAATCATTTCAAAACCCTTTCAGTT
ATCTTCATCTATAGGTGACGAATGCAATAAAGCTCCAAAATTTGATAGTAAAAAAAAAAAAAAAAAAAA AAAA

Restriction Sites: RsrII-NotI

ACCN: NM_026157

Insert Size: 1758 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:	BC057643, AAH57643
RefSeq Size:	2104 bp
RefSeq ORF:	1758 bp
Locus ID:	67440
UniProt ID:	Q9D0D3
Cytogenetics:	18 A1
Gene Summary:	Polymerase that creates the 3' poly(A) tail of mitochondrial transcripts. Can use all four nucleotides, but has higher activity with ATP and UTP (in vitro). Plays a role in replication-dependent histone mRNA degradation. May be involved in the terminal uridylation of mature histone mRNAs before their degradation is initiated. Might be responsible for the creation of some UAA stop codons which are not encoded in mtDNA (By similarity).[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) encodes the longer isoform (1). Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.