

Product datasheet for **MC206649**

Mphosph10 (BC049270) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Mphosph10 (BC049270) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Mphosph10
Synonyms:	2810453H10Rik; 5730405D16Rik; AI326008
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF:	>BC049270 GCGCCGTAGTGTGTAGCTATGGCGCCTCGCGTGTTCGTGCGACAGACTCTGGAACGGTGTCTGAGGGAAA TCAGGAAAGCCACCAACCGACCGGAGTGTTCCTCACAATTGAGAAATGGACTAGCATCAAACCTTCACATC TTTAACAAAAGTTCTCTATGATTTTAAATAAGTATTAGAGAATGGCCGAATCTCTGGAAGTCTTTACAG AACTTTGAGATAAACAGTTTTGATGATGAGCAGATTTGGCAACAACCTCGAATTGCAAAATGAACCTGTCT TACAATACTTCCAGAATGCAGTTAGTGAGACAATTGAGGATGAAGATATCAGCCTTCTCCAGAATGTGA AGATGAGGAGTGCGAAGAGGATGCCTCAGAGGTGGAGGCTGACAACAGGAGAACCTAGAGACAGACTTG GAGGAAGAACAACTGTCAGACGAGGGTGGTGATGTTCTAAAGGGAGGGACAGAGCCAAAAGCTCCAGGA AATCTGACCCAAGGAAAAGTCTGTTTTAGTGATGAAGATTCTGACCTTGACTTTGATATTGGCAAATT GGAGCAGCAGACCAAGATGCAAAATCAAGCCACCTGGAACCAAGAGAAAAGTCTGTCTGATAGATAAG TTCTTCAAACGTCTGAAATGGAGAGCTTCTAGAAAAAGTAGAAAAAGAGGAAAAAGACCAGATG GTGAAGAGGAGGACGAGGAAGACATTGACCTTTTTGAAGACATTGATTGAGTGAAGCGAGGGAGGGCT GTTTGGGCGGCAAAAGATTAAGTCAAATAAAGTAGCAGAAATCTGAAATACAAAGACTTCTTTGATCCA GTTGAAAGTGACGAGGACATAACTGGGGTTGATGAAGAGCTGGGCCAGACGAAGAGAAAAGGGAAGAGG AAGGGTTCGCTGAGGAAGCAGACGAAAGCATCTCTGACACGGATGAAGATAATGACTTGGAAGAAGATGA GAATAGTGATCAACATAAAGGCGCTTGAAAAGAGTGACATTTGCTTTGCCAGATGATGAGGCTGAAGAT ACAAGTCCCTTAGCTGTAAGCAAGAATCTGACGAAGTAAATCCTCTTTTGAAGAAAAGCAGGAGAAGA TGAATGAGAAAATCGCATCTTTGAAAAAGAGTTATTGGATAAAAAGCCTTGGCAGCTTCAAGGGGAAGT GACAGCGCAGAAGCGGCCAGAGAACAGCCTGCTGGAAGAGACCCTCCACTTTGACCATGCAGTCAGGATG GCCCTGTAAATCACAGAGGAGACCACCCTCCATCTAGAAGATATCATTAAACAGAGGATACGAGATCAGG CTTGGGATGACGTAGAACGAAAAAGAAAAACCTAAAGAGGATGCGTATGAATATAAAAAGCGTTTGACCTT AGACCATGAGAAGAGTAAGCTAAGCCTTGCTGAGATTTATGAGCAGGAATATCTCAAACCTCAACAGCAA AAAACCTGCAGAAGAGACAATCCAGAGCATGTAGAAATTCAGAAGATGATGGACTCTCTCTCTCTCTCTCT TGGATGCCCTGTCAAACCTCCACTTCATCCCCAACCGCTGTACCTGAAATTAAGTTGTATCGAATCT GCCAGCCATAACCATGGAGGAAGTGCCCCAGTGAGTGTCAGTGATGCAGCCCTCTGGCTCCAGAGGAA ATCAAGGAGAAAAATAAGCTGGAGATCTAAAAACAGCTGCTGAGAAAACAGCTACAGACAAGAAACGAG AACGAAGGAAAAAGAAATATCAGAAGCGTTTGAATAAAGGAGAAGGAGAAGCGGAAAAAATTGCTTGA AAAGAACAACCCAGATCAGTCTAAGTCCAGCAGAGCAGCAGCTTCAGAGAAGCTCAACAGCTGACCAAA ACGGGCAAGGTGCTCTTTGTTAAAGGATGAACGAAAAGATAAGCCCTTAAAGTCATCTCAGGCATTCTTTT CTAAATTACAAGATCAAGTAAAAATGCAATTAATGATGCAAAACAGCCTGAGAAGATAAAGAAGAAAAA ACAGGACATTTCTGTTCAATAAATAAGCTATAATATATTTAAATTTAATGTATAAATCTGTAAGTTTCT GTCATCATTATGTTTTATAATAAATTCCTGAGCCCTCTCTTAAAAAAAAAAAAAAAAAAAAAAAAAAAAA AAAAAAAAAAAAAA
Restriction Sites:	EcoRI-NotI
ACCN:	BC049270
Insert Size:	2046 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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [BC049270](#), [AAH49270](#)

RefSeq Size: 2184 bp

RefSeq ORF: 2046 bp

Locus ID: 67973

Cytogenetics: 7 C

Gene Summary: Component of the 60-80S U3 small nucleolar ribonucleoprotein (U3 snoRNP). Required for the early cleavages during pre-18S ribosomal RNA processing (By similarity).[UniProtKB/Swiss-Prot Function]