

Product datasheet for MR201256

Mphosph6 (NM_026758) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Mphosph6 (NM_026758) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: Mphosph6
Synonyms: 1110001M01Rik; AA536809; C86426
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >MR201256 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGGATCGCC

ATGGCGTCGGAGCGCAAGACTAAGTTATCCAAGAACCTGCTGCGCATGAAGTTCATGCAAAGAGGCCTGG
 ACTCGGAAACCAAGAACAGCTAGAAGAGGAGGAGCGGAAGATGATCAGCGACGAGCACTGGTACCTGGA
 TTTGCCGGAGTTGAAGGAGAAGGAGAGCTTCATCGTAGAGGAGCAGAGCTTCTCCCTGTGTGAAGATCTT
 CTCTACCGAAGGATGTCATTCAGGGGGTTAATCCTGAGGTTGAGAAGTTAATGCTTCAGATGAATTCTA
 AGAACCGAGCAGAGGCAGCAGAGGAAGACGAGACGGTAGAGGTCGATGTGTCTGATGAGGAAATGGCAAG
 AAGATATGAGACTTTGGTGGGAACAATTGGAAAAAAGTTTGTCAAGAAAAGGGACCGAGCCAATTACGAA
 GAAGATGAAAATGGAACATAAAAAGCCATAAAACCTAAGAAAATGTTCTTAAAGCCCAAGAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR201256 protein sequence
 Red=Cloning site Green=Tags(s)

MASERKTKLSKNLLRMKFMQRGLDSEKQLEEEERKMISDEHWYLDLPELKEKESFIVEEQSFLCEDL
 LYGRMSFRGFNPEVEKLMQMNSKNRAEAAEEDTVEVDVSDDEEMARRYETLVGTIGKFKVKKRDRANYE
 EDENGTIKAIKPKMFLKPD

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI



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Cloning Scheme:


ACCN: NM_026758

ORF Size: 486 bp

OTI Disclaimer: 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](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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: [NM_026758.4](#)

RefSeq Size: 1054 bp

RefSeq ORF: 486 bp

Locus ID: 68533

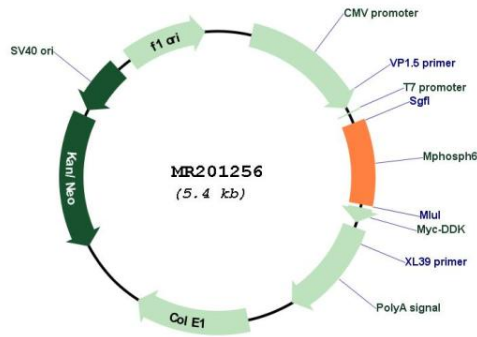
UniProt ID: [Q9D1Q1](#)

Cytogenetics: 8 E1

MW: 19.1 kDa

Gene Summary: RNA-binding protein that associates with the RNA exosome complex. Involved in the 3'-processing of the 7S pre-rRNA to the mature 5.8S rRNA and plays a role in recruiting the RNA exosome complex to pre-rRNA; this function may include C1D.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR201256