

Product datasheet for MC223630

Mphosph9 (NM_001081323) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Mphosph9 (NM_001081323) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Mphosph9
Synonyms:	4930548D04Rik; 9630025B04Rik; AW413446; AW547060; B930097C17Rik; C87456; MPP-9; MPP9
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC223630 representing NM_001081323 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGGAGGATTTTGACTTGGTGGAAAATTTACAAAAACGTACACCTTCTGTAGAATCTGATATTAAGCG
 CTCCCCAATCCCTTGGGTGAGCTTGATGCTAATAGAAAGTAGTCCACCTTAGTACAAATGGGTGTC
 CTCTTTCTCAGGAAGACCGGGCCACCTGTCAATCAAGGACAGTGGAAGTCTCACTGCTTTAAGACAA
 GACCTACAGAACAGTGGCCGACTGACTCAGAACTTTGGAAGAGTTGCGAGCGAATACAGGAGGAGATCC
 GGAAGTTAGTGAACTGCAGCTCAGCCATGCTTCCCGCCTTCGTGCAGCAGCAGCTCTGTGAGTGAGCA
 GGTGTCTGCAGAAACCCAAATGGCTTCTTTCTGAGAACAGTGAGAGAAATGAGTCTGTTGTCAGTTCC
 CCAGCGTCCAAGGAACCCGAGACACAGCCAGCATCATCCACATCCTACCCAGACTGCCATGTGGACAGCA
 GCTCAGTGAGCAGTGGCTACGGCACCTTCTGCATCCTGGACATGAACACCCACAAGGCTAAGGAGCCAC
 CGAGCCCTTGGAGCCGGGGCAGCTTCCAGGGGCAGCACCCAGCCTCTGTGGTGCAGGCACATGGCCCT
 GCAGGGGGTGCAGCAGCCATAAACTTCTTACACAGACCCCTGAAGAGCTTTGTGCCTCTCTAAAGGAAG
 ACGGCTCCACTTTTCTGGGGAATTTGACCGAAATTTTCTTGGTGAACAAGATCTCTGAAGTGTACAG
 TGGGAAAGCAAATAGTGGTAAGTCTGTAAATCCTGGGCACAGAGGCTGAAGCAGAACCAGTCAAAGCAG
 GCACATACAGAGGATGACTGCTCAGGACCTAAGCCAGGGAGCGAGCTGAAGTGAAGCCTCCAGCTGACA
 CATTTGACCTTGCTGCCGATGCTGCACGTCCTTGTGCTTTTACATCAATAAGCCAGCCGAAAGCCCAAG
 TTCTTGGTTGTCTGATTACAGAACAGGGCTGACTTACTGGAAGTGGAGGAGAAGGACATGTATCACTCT
 TTGCTGAAACTTTGGAGAAGACGTTTGCACCATCCCCAGCAGAGAGGCCCTGAGCCAGGTCTCTGACTC
 TTGATCCAGGAGCCATACGCATGAAGCCAAAGGAGCATGTCGAGGGATCCAAGCCCATGGCTTTCTGCA
 TGCTCTTGACGACAGAATATCCTTTTCCCGAGACTCCGTTCTGGAACCAAGCCTGTCTCGTCACTCTGAC
 ACTGACTCGTCTTACAAGCAAGTCATAATCCTTCCAGGTGTCTGGTTCTCCAAGTATCCTTCAACCA
 CGAGAGCATCACCTGTGGACACTTGAAAAACCATGCATTCCAAAGGGAAAGTAGGACCAGCTCCACCAT


[View online »](#)

```
CCCTTCACGCTACACCATCACTAGCAACGATATCTCAGTCAAACTGTAGACGAAGAGAACACTGTCACA
GTGGCCTCAGTCAGTCAGTCCCAGCTTCCAGGTACAGCCAACAGTGTCCAGAATGCATTTTCATTGGCTT
CCCTGGAAGATCCTGTGATGTTGTCTAAGATCAGGCAGAACCTCAAGGAGAAGCATGCCGACACGTGGC
CGACCTTCGTGCTTATTATGAGTCGGAGATAAGTAGTCTGAAACAGAACTGGAGGCCAAAGACATTTCT
GCCGTTGAAGAGTGGAAGAAGAAAAATGAAATCTTGGGACAGGTGTGGCCAGCTGGATAGTGCATTGA
ATGAAGCTACTAGTCGAGTGCGCACACTTGAGAAGAACAACAACCTGCTAGAAATAGAAGTGAGTGACTT
GAGAGAACGCTTCAATGCAGCCAGCAGTGCCTCCAAAGTTTGCAGGAACGAATTGAAGAAATGAGGACA
AGCAATAAGGAGAAAGATAACACCATCACTCGGCTAAAGTGTGCGCTGCAGGATCTGGAGGAAGCCTTCG
AGAATGCTTACAAGCTCTCAGATGATAAGGAAGCGAGGCTGAGACAAGAAAAACAAGATGTTTCAGGATCT
CTTAGGAGAGTACGAATCCCTCGGCAAAGAACACGGGCGAGTAAAGGATACATTAACACAACTGAGAAC
AAATTGCTTGATGCACACACTCAGATTTCTGACTTGAAAAGGACAATCTCAAAGCTTGAGGCTCAGGTGA
AGCAGGCAGAGCAGAGAGTATGCTGAGTCTTCGCAATGGCGCTAAAGTCCCGAGAGGCCGTCCCGGTC
CAACTCCGTAGCCACCTCGGATGTCAGCAGGAGGAAGTGCTGATTCCAGGAGCGGAGTACTCCATCTTT
ACTGGGCAGCCTCTGGACCCAGGGACAGGAAGCTAGATAAGCAGCTGGAGGAAGCCCTTGTTCCTGGAT
ACCATTCTCCTCCAGAAAAGGACTCTTCACTTGGAAGTTCACCAGCGAGCCTCCTGGTTAAAAAGAAGAG
GGACACTCCGGACACACCACCGATCATCAAGGCTTTAAAGGAACCTTGATGAAGAAAGAGTATTTAAAGT
TGGGGGACACAGACAGAGAAAGAGGATTCTTCAAGTAAATTAGTGAATTCTCGGCAAACTGAGCCTTCAG
TCAATACAGGCCGTTCCCGAGAGAAATGTGCCAGCAGAGACCGAAGAGACAGACTTCGGCTTCACAAAG
GTCGTCGTCCTCTCCACCGTCCAGTCGGAAGCCAACACTCCAACAAAAAGAGAGATTATGCTAACGCCA
GTGACCGTGGCTTATAGTCCTAAGCGGTCTCCTAAAGAAAATCTGTCCCTGGATTTAGTCATCTCCTTA
GCAAAAATGAAAGCAGTCCAGTTTCGATTTGATATCCTTTTGGATGATTTAGATACCGTTCCTGTGTCCAC
GTTACAACAAACCACTGCAAAGAAGCAGCTCCAGTTTCTGCTAGATGACTCAGAAGAAAAAAGTATTCA
GAAAAAACAGTGATGACCCTGTTAATCCTAGCTCTTGCTGCTGAACACTACCAAAATGGACTGAAGAAAG
TGTCACGAGACAAGCCTGGGAGAAGAGTAAGTCAGTCAGCCTGGAGCAGTGTGAGCCGGGATCAGCAGC
ACCACAGGACAACGTTTTGAGTATACAGCGAAGATTAGGACCCTAGCTGAAACGAGCGATTTTTTGTAT
GAACCTTACAAAAGAAAAAGACCAGATTGAGGCAGCACTAAGCCGAATGCCTTCTCCTGGAGGAAGAAATCA
CTTTACAAACAAGACTCAATCAGGAGGCCTTGAAGATCGTTTGGAAAAGATCAACCGTGAACCTGGGCTC
AGTTCGAATGACCCTCAAGAAGTTTCATGTTTTGCGCAGCTCTGCAATCTTTGA
```

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

Sgfl-Mlul

ACCN:

NM_001081323

Insert Size:

3345 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: NM_001081323.2, NP_001074792.1

RefSeq Size: 7760 bp

RefSeq ORF: 3345 bp

Locus ID: 269702

UniProt ID: A6H5Y1

Cytogenetics: 5 F