

## Product datasheet for MC229409

### Mphosph9 (NM\_001277867) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Mphosph9 (NM_001277867) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Mphosph9
Synonyms:	4930548D04Rik; 9630025B04Rik; AW413446; AW547060; B930097C17Rik; C87456; MPP-9; MPP9
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC229409 representing NM_001277867 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGAGGATTTTGACTTGGTGGAAAATTTACAAAAACGTACCTTCTGTAGAATCTGATATTAAGCG  
CTCCCCAATCCCTTGGGTTGAGCTTGCATGCTAATAGAAGTAGTCCACCTTAGTACAAATGGGGTGC  
CTCTTTCTCAGGGAAGACCGGGCCACCTGTCATTCAAGGGACAGTGAAGTCTCACTGCTTTAAGACAA  
GACCTACAGAACAGTGGCCGACTGACTCAGAATTTGGAAGAGTTGCGAGGCCAGGTGGTTGCAGCTCT  
TCAGTGTGGTTGAGCAGCACTGCCAGGAGCAGATTGTCGCCCAGCAGGAGCAGTCCATAGGCAGATCCG  
GCGAATACAGGAGGAGATCCGGAAGTTAGTGAACTGCAGCTCAGCCATGCTTCCCGGCCTTCGTGCAGC  
AGCAGCTCTGTGAGTGAGCAGGTGTCTGCAGAAACCCAAATGGGCTTCTTTCTGAGAACAGTGAGAGAA  
ATGAGTCTGTTGTGAGTCCCGAGCTCCAAGGAACCCGAGACACAGCCAGCATCATCCACATCCTACCC  
AGACTGCCATGTGGACAGCAGCTCAGTGAGCAGTGGCTACGGCACCTTCTGCATCCTGGACATGAACACC  
CACAAGGCTAAGGAGCCACCGAGCCCTTGAGCCGGGGCAGCTTCCAGGGGCAGCACCCAGCCTCTG  
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TTGTGCCTCTCTAAAGGAAGACGGCTCCACTTTTCTGGGGAATTTGACCGAAATTTTCTTGGTAAAAC  
AAGATCTCTGAAGTGTACAGTGGGAAAGCAAATAGTGGTAAGTCTGTAACATCTGGGCACAGAGGCTGA  
AGCAGAACCAGTCAAAGCAGGCACATACAGAGGATGACTGCTCAGGACCTAAGCCAGGGAGCAGCTGAA  
CTGGAAGCCTCCAGCTGACACATTTGACCTTGCTGCCGATGCTGCACGTCTTGTGCCTTTTACATCAAT  
AAGCCAGCCGAAAGCCCAAGTTCTTGGTTGCTGATTGAGGAACAGGGCTGACTTACTGAAAAGTGGAGG  
AGAAGGACATGTACTCTTTGCCTGAACTTTGGAGAAGACGTTTGCACCATCCCCAGCAGAGAGGCC  
CCTGAGCCAGGTCTGACTCTTGATCCAGGAGCCATACGCATGAAGCCAAAGGAGCATGTCGAGGGATC  
CAAGCCCATGGCTTTCTGCATGCTTTGACGACAGAATATCCTTTTCCCGAGACTCCGTTCTGGAACCAA  
GCCTGTCTCGTCACTCTGACTGACTCGTCTTACAAGCAAGTCAATCCTTCCAGGTGTCTGGTT  
CTCCAAGTATCCTCAACCACGAGAGCATCACCTGTGGACTTGAAAAACCATGCATTCAAAGGAA



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AGTAGGACCAGCTCCACCATCCCTTCACGCTACCCATCACTAGCAACGATATCTCAGTCAAACTGTAG  
 ACGAAGAGAACACTGTCACAGTGGCCTCAGTCAGTCCCAGCTTCCAGGTACAGCCAACAGTGTCCC  
 AGAATGCATTTTCATTGGCTTCCCTGGAAGATCCTGTGATGTTGTCTAAGATCAGGCAGAACCTCAAGGAG  
 AAGCATGCCCCGACACGTGGCCGACCTTCGTGCTTATTATGAGTCGGAGATAAGTAGTCTGAAACAGAAAC  
 TGGAGGCCAAAGACATTTCTGCCGTTGAAGAGTGAAGAAGAAAAATGAAATCTTGGCGACAGGTGTGG  
 CCAGCTGGATAGTGCATTGAATGAAGCTACTAGTCGAGTGCACACTTGAGAAGAACAACAACCTTGCTA  
 GAAATAGAAGTGAGTGACTTGAGAGAAGCTTCAATGCAGCCAGCAGTGCCTCCAAGTTTTGCGGAAC  
 GAATTGAAGAAATGAGGACAAGCAATAAGGAGAAAGATAACACCATCACTCGGCTAAAGTGTGCGCTGCA  
 GGATCTGGAGGAAGCCTTCGAGAATGCTTACAAGCTCTCAGATGATAAGGAAGCGAGGCTGAGACAAGAA  
 AACCAAGATGTTTTCAGGATCTCTTAGGAGAGTACGAATCCCTCGGCAAAGAACACGGGCGAGTAAAGGATA  
 CATTAAACACAACACTGAGAACAAATTGCTTGATGCACACACTCAGATTTCTGACTTGAAAAGGACAATCTC  
 AAAGCTTGAGGCTCAGGTGAAGCAGGCAGAGCAGAGATGCTGAGTCTTCGCAATGGCGCTAAAGTT  
 CCCGAGAGGCCGTCGCCGTCCTCAACTCCGTAGCCACCTCGGATGTCAGCAGGAGGAAGTGGCTGATCCAG  
 GAGCGGAGTACTCCATCTTTACTGGGCAGCCTCTGGACCCAGGGACAGGAAGCTAGATAAGCAGCTGGA  
 GGAAGCCCTTGTCTGGATACCATCTCTCCAGAAAAGGACTTTCCTTGGAAAGTTCCACAGCGAGC  
 CTCTGGTTAAAAAGAAGAGGGACACTCCGGACACACCAGGATCATCAAGGCTTTAAAGGAACTTGATG  
 AAGAAAGAGTATTTAAAAAGTTGGGGGACACAGACAGAGAAAGAGGATTCTTCAAGTAAATAGTGAATTC  
 TCGGCAAACACTGAGCCTTCAGTCAATACAGGCCGTTCCCCAGAGAAATGTGCCAGCAGAGACCGAAGAGA  
 CAGACTTCGGCTTCACAAAGGTCGTCGTCCTCCACCGTCCAGTCGAAAGCCAACACTCCAACAAAA  
 GAGAGATTATGCTAACGCCAGTGACCGTGGCTTATAGTCTAAGCGGTCTCCTAAAGAAAATCTGTCCCC  
 TGGATTTAGTCATCTCCTTAGCAAAAATGAAAGCAGTCCAGTTCGATTTGATATCCTTTTGGATGATTTA  
 GATACCGTTCCTGTGCCAGTTACAACAAACACTGCAAAGAAGCAGCTCCAGTTCTGCTAGATGACT  
 CAGAAGAAAAAAGTATTCAAAAAAACAGTGATGACCCTGTTAATCCTAGCTTTGCTGCTGAACACTC  
 ACCAAATGGACTGAAGAAAGTGTCCACGAGACAAGCCTGGGAGAAGAGTAAGTCAGTCAGCTGGAGCAG  
 TGTACGCCGGATCAGCAGCACACAGGACAACGGTTTTGAGTATACAGCGAAGATTAGGACCCTAGCTG  
 AAACGGAGCGATTTTTGATGAACCTTACAAAAGAAAAAGACCAGATTGAGGCAGCACTAAGCCGAATGCC  
 TTCTCCTGGAGGAAGAATCACTTTACAAACAAGACTCAATCAGGAGGCCCTTGAAGATCGTTTGGAAAAG  
 ATCAACCGTGAAGTGGGCTCAGTTCGAATGACCCTCAAGAAGTTTCATGTTTTGCGCAGCTCTGCAATC  
 TTTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_001277867
- Insert Size:** 3435 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).
- OTI Annotation:** Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
- 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\\_001277867.1](#), [NP\\_001264796.1](#)

**RefSeq Size:** 7850 bp

**RefSeq ORF:** 3435 bp

**Locus ID:** 269702

**Cytogenetics:** 5 F