

Product datasheet for SC315092

MPHOSPH9 (NM_022782) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	MPHOSPH9 (NM_022782) Human Untagged Clone
Tag:	Tag Free
Symbol:	MPHOSPH9
Synonyms:	MPP-9; MPP9
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC315092 representing NM_022782. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGAATTCGTCGACTG
 GATCCGGTACCGAGGAGATCTGCCGCC**CGATCGCC**
 ATGGGTTTTTTTCTCTAAGCAGTGAGAGAAATGAATCTGTTATCCATTATCCTGAATCCACAGAACCT
 GAAATACAGCAAGAAATGTCCACGTCAACACGACTGCAATGTGGATAGTTGCTCAGTAAGCAGTGGA
 TATGGCACCTTTTGTATCTCAGAATTAATCTGTACAAATCTAAAGACCCTAAGGAGTTCATGGAGCAC
 ATAGATGTTCCCAAGGACAGTATGTAGCACCTGCGGTGCCGGCTGAGTCACTTGTAGATGGTGTGAAA
 AATGAGAAATTTTATATACAGACTCCTGAAGAGTGTCTGTGTCTTTAAGGAAGATGTATCCATTTCT
 CCTGGTGAATTTGAACATAATTTTCTTGGTGAATAAGGTTTCTGAAGTATACAGTGGGAAACAAAT
 AGTAATGCTATAACATCATGGGCACAAAACCTGAAGCAGAACCAACCAAGAGAGACATGTAGAAGAT
 GGAGGTTCAAGATCTAAACAAGGAAATGAGCAAAGTAAGAAGACACCAATTGAGAAATCTGATTTTGCT
 GCTGCTACACATCCTCGTGCTTTTACCTCAGTAAACCAGATGAACTCCAAATGCTTGGATGTCTGAT
 TCAGGAACAGGATTGACTTACTGGAACTAGAGGAAAAGGATATGCACCACTCTTTCGCTGAAACTTTA
 GAGAAGACGTTTCATATCATTGTCTTCCACAGATGTGTACCAAAACCAAGTCTAATACTAGTAATGAGATG
 AAGCTACCGTCACTGAAGGATATTTATTATAAAAAACAAAGGAAAACAAAGCAGTTACCTGAGAGGAAT
 CTCACCTTCTGCTTCCAACCCAAATCATCCACCAGAGGTCCTGACTCTAGATCCTACGTTACACATGAAG
 CCAAAGCAGCAGATTTTCAAGGATTCAACCTCACGGCCTTCCGAATGCCCTTGATGACAGAATATCCTTT
 TCCCCGACTCTGTTCTAGAGCCTAGTATGTCTAGTCCCTCTGACATAGACTCATTTTCAAGCAAGT
 AATGTCACTTCTCAGTTACCTGGATTTCCAAAATATCCCTCACACACAAAAGCTTCTCCGGTGGACTCT
 TGGAAAAATCAGACATTCAAAACGAAAGTAGGACCAGTTCACGTTTCCGTGAGTATATACCATTA
 AGTAATGATATCTCGGTCAACACTGTAGATGAAGAAAACACTGTCATGGTTGCTTCGGCCTCAGTCAGT
 CAGTCCCAGCTTCCAGGTACAGCCAACAGTGTCCAGAATGCATTTTCATTGACTTCCTTGAAGATCCT
 GTGATATTGTCTAAGATTAGGCAGAATCTGAAGGAAAAGCATGCTCGACACATAGCAGATCTTCGAGCT
 TATTATGAATCAGAAATAAATAGTTTGAACAGAAGCTGGAGGCAAAAGAAATCTCTGGAGTTGAAGAT
 TGAAGATAACCAATCAAATCTTGTAGACAGATGTGGCCAATTAGATAGTGCTTTGCATGAAGCTACT


[View online »](#)

```

AGTCGCGTGAGAACACTTGAAAATAAGAATAACTTACTGGAAATTGAAGTGAATGATTTGAGAGAACGC
TTCAGTGCAGCCAGCAGTGCTTCCAAAATTTTGCAGGAACGAATTGAAGAAATGAGAACAAAGCAGTAAA
GAAAAAGACAATACCATCATTCGACTAAAATCTAGACTGCAAGATTTAGAAGAAGCATTGAGAAATGCT
TACAACTCTCAGATGATAAAGAAGCTCAACTAAAACAAGAGAACAAAATGTTTCAAGATCTTTAGGA
GAGTATGAGTCCCTTGGAAAAGAACACAGGAGAGTAAAGGATGCATTAATACTGAGAACAAATTTG
CTTGATGCATATACTCAGATTTCTGATTTGAAAAGAATGATTTCAAACTTGAAGCTCAGGTCAAGCAA
GTAGAACATGAAAATATGTTAAGCCTTCGTCATAATTCTAGAATTCACGTGAGACCCTCGCGTGCCAAC
ACACTAGCAACTTCAGACGTGAGCAGGCGGAAATGGCTGATTCCAGGTGCAGAGTATTCATCTTTACT
GGCCAGCCTCTGGACACCCAGGACAGTAACGTGGATAACCAGCTGGAGGAAACCTGTAGCCTAGGGCAC
CGTTCACCTCTGGAAAAGGATTCTTACCTGGAAGTTCATCAACAAGCTTGTTGATAAAAAAGCAAAGA
GAGACTTCAGACACGCCGATCATGAGAGCTTTAAAAGAACTTGATGAGGGAAAAATATTTAAAAATTGG
GGGACACAGACAGAGAAAGAGGACACCTCAAATATAATCCTCGGCAACTGAACTTCAGTTAATGCA
AGTCGTTTCCAGAAAAGTGTGCCAACAGAGACAAAAGAGACTTAATTCGGCCTCACAGAGATCATCA
TCTTTACCACCTTCAAATCGTAAATCAAGTACTCCAACAAAAAGAGAGATTATGTAACACCAGTGACT
GTGGCTTATAGTCAAAGCGATCCCCTAAAGAAAATTGTCCCAGGATTTAGTCATCTGCTTAGCAAAA
AATGAGAGCAGTCCAATTCGATTTGATATACTTTTGGATGATTTAGATACTGTTCTGTGTCTACATTA
CAACGTACCAATCCAAGAAAGCAACTCCAGTTTCTTCTCTAGATGACTCGGAAGAAAAAACTTATTCT
GAGAAAGCCACCGATAACCATGTTAATCATAGCTCTTGCCTGAACCGGTGCCAAATGGAGTGAAGAAA
GTATCTGTGAGAACAGCCTGGGAGAAGAATAAATCAGTTAGCTACGAACAGTGTAAGCCGGTTTCAGTC
ACTCCACAGGGGAATGATTTTGAATATACAGCAAAAATTCGGACCCTAGCTGAAACAGAACGATTTTTT
GATGAACCTTACAAAAGAAAAGGACCAGATTGAGGCAGCACTAAGCAGGATGCCTTCTCTGGAGGACGA
ATCACTTTACAGACAAGATTAATCAGGAAGCCTTGAAGATCGTTTGGAAAGGATTAATCGAGAAGCTG
GGTTCAGTTTCGATGACGCTAAAGAAATCCATGTTTTGCGCACCTCTGCAAATCTTGA
ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

```

Restriction Sites:	SgfI-MluI
ACCN:	NM_022782
Insert Size:	3096 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:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA
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:	<u>NM_022782.2</u>

RefSeq Size: 4295 bp
RefSeq ORF: 3096 bp
Locus ID: 10198
UniProt ID: [Q99550](#)
Cytogenetics: 12q24.31
MW: 116.1 kDa