

Product datasheet for **MC205606**

Phyh (NM_010726) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Phyh (NM_010726) Mouse Untagged Clone
Tag: Tag Free
Symbol: Phyh
Synonyms: A1256161; A1265699; Lnap1; PAHX
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC002018
CGTAAGTTAAGTGTGACCTGGGCGCAGCAGTTTCGTCTGTGGCCCCACCATGAATCTTACGCGCGCCG
GCGCCCGCTGCAGGTCCTTCTGGGACACCTCGGCCGACCTCGGCCCAACGATTGTAGCCAGCCTGT
ATCAGGGTTGGCTTCCCCTGCCAGTTTCCAGCCTGAACAATTCCAGTATACTCTGGATAAATATGTCTC
ACCCTGGAGCAGAGAAAATTTATGAAGAAAATGGGTTTCTCGTTATTAAGAATCTGGTATCTGATGATG
ACATTCACGTTTTTCGAGCAGAGTTTGAAGAATCTGCAGAGAGGAGGTGAAACCACCAGGGATCGTTAT
AATGAGAGATGTGGCCCTTGCAAAACAGGATTATATGCCAAGTATAGGATGGTTTCAAAGATCCAGGAT
TTCCAAGAAGATGAGGAGCTCTTCAGATACTGCCTTCTCCCCGAGATTCTGAAGTATGTGGAGTGTTC
CTGGACCAATATTATGGCTCTGCATGGGATGCTGATCAACAAGCCTCCAGATGTTGGCAAGAAGACATC
CCGGCATCCCTTGCATCAGGATCTGCACTATTTCCCCTCCGACCTAGCAACCTAATTGTTTGTGCTTGG
ACAGCCATGGAGCACATTGACAGAAACAACGGTTGTCTGGTTGTGCTCCCAGGTACCCACAAAGGCACTC
TGAAGCCACATGATTACCCAAGTGGGAGGAGGTGTTAACAAAATGTACCATGGCATCCAAGACTATGA
CCCAACAGCCCCCGGGTCCACCTAGTGATGAAAAGGGCGATACTGTTTTCTTCCACCCTCTGCTCATC
CATGGATCTGGTCGGAACAAAACCAAGGCTTCCGAAAAGCAATTTCTGCCACTTCGGCAGCTCTGACT
GCCAGTGTATCGATGTGAGCGGCACCAGTCAAGAAAATATTGCAAGGGAAGTTGTGCGAGATGGCAGAGAA
AAAGTATGGATTCCAAGGAGTCAATGGACTTTAAGGACACTTGGATATTTGCAAGCCGACTTGTGAAAGGA
GAAAGAATAAACATTTGAAACAGCCCTCAAGAGTGAGGTAAGGATGATAGTCTGAGACAGGAGCATC
GAGAGTTTCGAGTACAGCCTGAGCTACACAGAAGGATGCTATCTCCTCCTTTCCCCATAAACAAAATG
AAAAGAGTTAGCTCTTCTTATAATTCCTTTAAAGAGGACATCAAAGCAAAGAAAGACATCAAGGAAAA
AAATTTTAACTGAGATGATGTTCTCTTTTATCACCTGTTAACCAAGATCAAGATGCACGTATTGGGGAT
TCATGAATTTAATTAATGTGGTACTATTGTCTTAAATGGAGTGAAATATTACTGTTTTAAAGAAAACTAAC
CTAGGGTGTAACTAATAAAGGTGACTGAGTATAATGTAAAAA

Restriction Sites: RsrII-NotI
ACCN: NM_010726
Insert Size: 1017 bp



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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:	<ol style="list-style-type: none">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>BC002018</u> , <u>AAH02018</u>
RefSeq Size:	1452 bp
RefSeq ORF:	1017 bp
Locus ID:	16922
UniProt ID:	<u>O35386</u>
Cytogenetics:	2 A1
Gene Summary:	Converts phytanoyl-CoA to 2-hydroxyphytanoyl-CoA.[UniProtKB/Swiss-Prot Function]