

Product datasheet for **MC220743**

Phtf1 (NM_001163468) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Phtf1 (NM_001163468) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Phtf1
Synonyms:	AU041898; AW049785; Phft; Phtf
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF: >MC220743 representing NM_001163468
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCCTCAAATGAGAGAGATGCTATATCATGGTATCAGAAGAAGATTGGAGCATATGATCAGCAGATAT
 GGGAAAAGTCAATCGAACAGACTCAGATTAAGGGTTTCAAAAACAAACCAAAAAAATGGGCCATATAAA
 ACCAGACTTGATTGATGTTGACTTAATCAGAGTCACAGCGGTTGTGTTGATCTCCTGATGCCTATTGTG
 AGCGCCAGTGAAGTGCTTGGACCCTTGTGCCTTATGCTACTCATGGAACTGTCCACTGTGAGATTGTG
 CGACTCAGATAACAAGGCCGTGAGGAAACAATGGAAATCGGAGAAGAAGAAAATTACGAAAACTGTAAA
 TGGTGTGGGAGCCGAGACAATGAAAATAACTCCCCTGATAAAGTCAGAGCAGTAGAAAATCTGGAGTCT
 GCATCCAGTGTGGTGGTTTTGGGGGACTCTTTGGCAACAGGATTAAGGGTGAATTAAGTATCTA
 ACAAAGTACTGAACTGACAATGACTCAGGCTGTTCCATCCTATCCTAAGAAGACAGGGTTCGACC
 CGAGATCAGAATGTGGCAAGCAAGAGAGAAAGCGAAGGTTTCGGATGGAGAAAAGTGCCGTAGGGAGGCT
 TATAGGCGTTTGGTAATGGAATTCAGACGATCTGTCAAGTGAGGAGGATGGTGAAGCAGCGACACAGA
 TGATATTATTGCGTAGGAGTGTGGAAGGGGCGTCAAGTGACAATGGTTATGAAGTTAAGAATAGAAGGTC
 AATACTTTCAAGGCACCTAAATTCAGGTAAGAAAACCAAGGTGGTGTGATATTGTTCCGGATTCA
 GATAGTCTGGCTGAATCAGAGTTGAATCAGCAGTCTTCAGCCAGGGTCTAGATCTGGTATGAGTGGTG
 GCTCTCGGAGCCTTAACTTGTCAAGAAGAGACTCAGAAAGCACCCGACATGACTCCGAGACTGAGGATAT
 GTTATGGGATGACCTTCCATGGTCCAGAGTGCCGGTCACTGTGACCAGTGACAGTGAGGGGGCTCAT
 GTAATAACCATTCATTGAGGACCAACGTGACCCAAAGAAGATGTTTTTCAGCAGAACCATTTATTCT
 GGCTTCAGAATCAAGTCTGCCTCTGAGCGAGTTAGTGGGATAATCTGGGAAGGAAACGAGTGCAAAAA
 GATGGACATGTCTGTGTTGGAGATAAGCGGCATCATCATGAGCAGGGTCAATGCATACGAGCAAGGTGTT
 GGCTATCAGATGCTGGGGAATGCAGTCACCGTTGGCTTAGCACTTTTCCATTTTATATCGACTTTTCC
 GAGAGAAGAGCTTTGACCAACTAAAGTCCATCTCAGCAGAGGAGGTTCTGACCCTTTCTGTGGTGCGCC
 ACCCGTCACACCTGTTGTTATTTTGTCTATAATTAATTTTATTGAAAGATTGTGCTTACGTGGATGTTT
 TTTTTCATGATGTGTGGCAGAGAGAACATAAAGCAGAGATTTTATTTGCAAACTCTTCAGCCATA
 TTAATCTGCCAGGAAGGCCAGGAAATATGAAATACCTCATTTCAGACTTAAAAAGGTGGAGAACATTAA
 AATATGGTTATCCCTGCGCTCCTATCTAAAGAGCGGGGTCACAGCGCTCAGTGGACGTGGTTGTGTCC
 TCCGTCTTCTACTGACACTTTCAATTGCTTTTCAATTTGTTGTGACAGGTTCTTCAAGGTACAAGACAT
 TCCTGAATGATGCTTACAACGGGAGTTCTTGATCTGGGAAACAGCATTGCTGCTTTTTGCTTCGCCCT
 GGCTCACTGGGGTCAGAAACCAACAAGAAGTACAGCAATGTTTCCATCCTGCTCACTGAACAGATTAAT
 TTATATCTTAAAAAGGAAAAAGCCAAATAAGAAAGAACAGCTCACGCTAGTGAATAATGTATTGAAGC
 TGTCACAAAGCTGTTAAAGGAGCTGGACACACCATTTAGACTCTATGGACTGACCATGAACCCCTTAAT
 CTACAACATCACAAGAGTAGTCATCCTTTCTGCTGTCTGAGGTTATAAGCGACCTTCTAGGATTCAAC
 ATAAGACTGTGGAAAATTAAGTCC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001163468

Insert Size: 2127 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:	<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>NM_001163468.1</u> , <u>NP_001156940.1</u>
RefSeq Size:	3183 bp
RefSeq ORF:	2127 bp
Locus ID:	18685
UniProt ID:	<u>Q9QZ09</u>
Cytogenetics:	3 F2.2
Gene Summary:	May play a role in transcription regulation.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (3) lacks an alternate in-frame coding exon compared to variant 1. The resulting isoform (b) has the same N- and C-termini but is shorter compared to isoform a. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.