

Product datasheet for **MC221372**

Phtf1 (NM_001163467) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Phtf1 (NM_001163467) 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)



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Fully Sequenced ORF: >MC221372 representing NM_001163467
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCCTCAAATGAGAGAGATGCTATATCATGGTATCAGAAGAAGATTGGAGCATATGATCAGCAGATAT
 GGGAAAAGTCAATCGAACAGACTCAGATTAAGGGTTTCAAAAACAAACCAAAAAAATGGCCATATAAA
 ACCAGACTTGATTGATGTTGACTTAATCAGAGGCTCAACATTTGCCAAAGCCAAGCCTGAGATTCATGG
 ACCTCGCTCACTCGAAGGGGCTTGTTCGAGTGGTGTTCCTGTTGTTTCCGTTGTTTCCAGCAGCTGGTGGATCAGG
 TTACCTCTCTCAGAATCTTTGTTGGTTGCTGCTACTTTACCTCATGCAAGTCACAGCGGTTGTGTTGTA
 TCTCTGATGCCTATTGTGAGCGCCAGTGAAGTGTGGACCCTTGTGCCTTATGCTACTCATGGAACT
 GTCCTACTGTCAGATTGTGTCGACTCAGATAACAAGGCCGTCAGGAAACAATGGAAATCGGAGAAGAAGAA
 AATTACGAAAACTGTAATGGTATGGGAGCCGAGACAATGAAATAACTCCCCTGATAAAGTCAGAGC
 AGTAGAACTCTGGAGTCTGCATCCAGTGTGGTGGTTTTGGGGACTCTCTTTGGCAACAGGATTA
 AGGGTGAATTAGTATCTAACAAAGTACTGAACTGACAATGACTCAGGCTGTTCCATCCTATCCTTA
 AGAAGAGACAGGGTTCGACCCGAGATCAGAAATGTGGCAAGCAAGAGAGAAAAGCGAAGGTTTCGGATGGAGA
 AAAGTGCCGTAGGGAGGCTTATAGGCGTTTGGTAATGGAATTTTCAGACGATCTGTCAAGTGAGGAGGAT
 GGTGAAGCACGGACACAGATGATATTATGCGTAGGAGTGTGGAAGGGCGTCAAGTGACAATGGTTATG
 AAGTTAAGAATAGAAGTCAATACTTTCAAGGCACCTAAATCTCAGGTAAGAAAACCAAGGTTGGT
 TCATATTGTTCCGGATTCAGATAGTCTGGCTGAATCAGAGTTGAATCAGCAGCTTCAGCCAGGGTTCT
 AGATCTGGTATGAGTGGTGGCTCTCGGAGCCTTAACCTTGTCAAGAAGAGACTCAGAAAGCACCCGACATG
 ACTCCGAGACTGAGGATATGTTATGGATGACCTTCTCCATGGTCCAGAGTGCCGGTCACTGTCCACCAG
 TGACAGTGAGGGGCTCATGTAATAACCATTCATTTCAGGGACCAACGTGACCCCAAGAAGATGTTTTT
 CAGCAGAACCATTATTCTGGCTTCAGAATTCAAGTCCTGCCTCTGAGCGAGTTAGTGCGATAATCTGGG
 AAGAAAACGAGTGCAAAAAGATGGACATGTCTGTGTTGGAGATAAGCGGCATCATCATGAGCAGGGTCAA
 TGCATACGAGCAAGGTGTTGGCTATCAGATGCTGGGGAATGCAGTCACCGTTGGCTTAGCACTTTTCCCA
 TTTTTATATCGACTTTTCCGAGAGAAGACTTTGACCAACTAAAGTCCATCTCAGCAGAGGAGGTTCTGA
 CCCTCTTCTGTGGTGCGCCACCCGTCACACCTGTTGTTATTTTGTCTATAAATTTTATTGAAAGATT
 GTGCTTACGTGGATGTTTTTTTTCATGATGTGTGGCAGAGAGAACATATAAGCAGAGATTTTTATTT
 GCAAACTCTTCAGCCATATTACTTCTGCCAGGAAGGCCAGGAAATATGAAATACCTCATTTTCAGACTTA
 AAAAGGTGGAGAACATTAATAATGTTTATCCCTGCGCTCCTATCTAAAGAGCGGGTCCACAGCGCTC
 AGTGGACGTGGTTGTGTCCTCCGCTTCTTACTGACACTTTCAATTGCTTTCATTTGTTGTGCACAGGTT
 CTTCAAGGTCACAAGACATTCCTGAATGATGCTTACAACCTGGGAGTTCTTGATCTGGGAAACAGCATTGC
 TGCTGTTTTGCTTCGCCTGGCCTCACTGGGGTCAGAAACCAACAAGAAGTACAGCAATGTTTCCATCCT
 GCTCACTGAACAGATTAATTTATATCTTAAAATGGAAAAAAGCCAAATAAGAAAGAACAGCTCACGCTA
 GTGAATAATGATTGAAGCTGTCCACAAAGCTGTTAAAGGAGCTGGACACACCATTTAGACTCTATGGAC
 TGACCATGAACCCCTTAATCTACAACATCACAAGAGTAGTCATCCTTTCTGTCTCTGGAGTTATAAG
 CGACCTTCTAGGATTCACATAAGACTGTGGAAAATTAAGTCC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul
ACCN: NM_001163467
Insert Size: 2286 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:	NM_001163467.1 , NP_001156939.1
RefSeq Size:	2936 bp
RefSeq ORF:	2286 bp
Locus ID:	18685
UniProt ID:	Q9QZ09
Cytogenetics:	3 F2.2
Gene Summary:	May play a role in transcription regulation.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (2) differs in the 5' UTR compared to variant 1. Variants 1 and 2 both encode the same 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.