

Product datasheet for **MC221371**

Phtf1 (NM_013629) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
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)



Fully Sequenced ORF:

>MC221371 representing NM_013629
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGC

ATGGCCTCAAAATGAGAGAGATGCTATATCATGGTATCAGAAAGATTGGAGCATATGATCAGCAGATAT
GGGAAAAGTCAATCGAACAGACTCAGATTAAAGGGTTTCAAAAACAAACCAAAAAAATGGCCATATAAA
ACCAGACTTGATTGATTGTTGACTTAATCAGAGGCTCAACATTTGCCAAAGCCAAGCCTGAGATTCCATTGG
ACCTCGCTCACTCGGAAGGGGCTTGTCGAGTGGTGTTTTCCCGTTGTTTCAGCAGCTGGTGGATTCAAG
TTACCTCTCTCAAGATCTTTGTTTGGTTGCTGCTACTTTACCTCATGCAAGTCACAGCGGTTGTGTTGTA
TCTCCTGATGCCTATTGTGAGCGCCAGTAAGTGCTTGGACCTTGCCCTATGCTACTCATGGGAAGT
GTCCACTGTGAGATTGTGTCAGTCAGATAACAAGGCCGTGAGAAACAAATGAAATTCGGAAGAAGAA
AATTACGAAAACTGTAAATGGTGATGGGAGCCGAGACAATGGAATAACTCCCCTGATAAAGTCAGAGC
AGTAGAACTCTGGAGTCTGCATCCAGTGTTGGTGGTTTTGGGGACTCTCTTGGCAACAGGATTA
AGGGTGAAATTAGTATCTAACAAAGGTAAGTAACTGACAATGACTCAGGCTGTTCCATCCTATCCTA
AGAAGAGACAGGGTCGACCGAGATCAGAAATGTGGCAAGCAAGAGAGAAGCGAAGGTTTCGGATGGAGA
AAGTGCCGTAGGGAGGCTTATAGCGCTTTGGGTAATGGAATTTACAGCGATCTGTCAAGTGAGGAGGAT
GGTAGAGCAGGACAGATGATATTATTCGTAGGAGTGTGGAAGGGGCGTCAAGTGACAATGGTTATG
AAGTAAGAATGAGAAGGTCAATCTTCAAGCCACTAAATTCCTAGGTAAAGAAAACCAAGGTGGTG
TCATATTGTTCCGGATTGATAGTGTGCGTGAATCAGAGTTTGAATCAGCAGTCTTCGACCGAGGGTCT
AGATCTGGTATGAGTGGTGCTCTCGAGCCCTTAACCTGTCAAGAAGAGACTCAGAAAGCACCCGACATG
ACTCCGAGACTGAGGATATGTTATGGGATGACCTTCTCCATGGTCCAGAGTGCCGGTCATCTGTCAACG
TGACAGTGAGGGGGCTCATGTAATACCATTCATTAGGGACCAACGTCACCCCAAGAAGATGTTTT
CAGCAGAACCATTATTCTGGCTTCAGAAATCAAGTCTCGCTCTGAGCGAGTTAGTGCGATAATCTGGG
AAGGAAACGAGTGCAAAAAGATGGACATGCTGTGTGGAGATAAGCGGCATCATATGAGCAGGGTCAA
TGCATACGAGCAAGGTGTTGGCTATCAGATGCTGGGGAATGCAGTCACCGTTGGCTTAGCACTTTCCCA
TTTTTATATCGACTTTTCGAGAGAAGAGCTTTGACCAACTAAAGTCCATCTACGACAGGAGGTTCTGA
CCCTCTTCTGTGTGGCGCACCCGTCACACCTGTTGTATTGTTGTCATATAATTAATTTATTGAAGAT
GTGCTCTTACGTGGATGTTTTTTTCATGATGTGTGGCAGAGAGACATATAAGCAGAGATTTTTATT
GCAAAACTCTTCAGCCATATTACTTCTGCCAGGAAGGCCGAGGAAATGAAATACCTCATTTCAGACTTA
AAAAGGTGGAGAACATTAAAAATGTTATCCCTGCGCTCCTATCTAAAGAGCGGGGTCACAGCGCTC
AGTGGACGTGGTTGTGTCCTCGCTCTTCTACTGACACTTTCAATTGCTTTCATTTGTTGTGCACAGTT
CTTCAAGGTCAACAAGACATTCCTGAATGATGCTTACAACCTGGGAGTTCTTGATCTGGGAAACAGCATTCG
TGCTGTTTTGCTTCGCTGGCCTCACTGGGGTCAGAAACCAAGAAGTACAGCAATGTTTCCATCCT
GCTCACTGAACAGATTAATTTATCTTAAAAATGGAAAAAGCCAAATAAGAAAGAACAGCTCAGCCTA
GTGAATAATGATTGAAGTGTCCCAAAAGCTGTAAAGAGCTGGACACACCATTTAGACTCTATGGAC
TGACCATGACACCCCTTAATCTACAACATCACAAGATAGTCATCCTTTCTGCTGTCTCGGAGTTATAAG
CGACCTTCTAGGATTCAACATAAGACTGTGAAAAATTAAGTCCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

Sgfl-MluI

ACCN:

NM_013629

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:	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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	NM_013629.2 , NP_038657.2
RefSeq Size:	3342 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 (1) represents the longest transcript and encodes the longest isoform (α). Variants 1 and 2 both encode the same isoform. 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.