

Product datasheet for **MC221304**

Phtf2 (NM_172992) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Phtf2 (NM_172992) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Phtf2
Synonyms:	1110054G21Rik; 9530062N20Rik; AI447096; C77923
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC221304 representing NM_172992
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCGTCCAGAGTCACAGATGCTATAGTCTGGTATCAGAAGAAGATTGGAGCCTATGATCAACAAATAT
 GGGAAAAGTCTGTTGAACAAAGAGAAATCAAGGGCTTAAGGAATAAACCAAAGAAAACAGCACATGTGAA
 ACCAGACCTCATCGATGTTGATCTTGTGAGAGGGTCTGCATTTGCTAAGGCAAAGCCTGAAAAGTCTTTGG
 ACTTCTCTGACAAGGAAAGGGATTGTTGAGATTGCTTTTTCCCTTTCTTCTCCCGCTGGTGGTTACAAG
 TAACGTCCAGAGTCATCTTCTCCTGGCTTCTTGTCTCTATCTTCTCCAAGTTGTGCAATAGTATTATT
 CTGTTCCGCTCCTAGCCACATAGCATACTCTAACTGAAGTGATTGGGCCAATATGGCTGATGCTGCTT
 TTGGGAACCGTGCAATGCCAGATTGTTTCAACAAGAACACCCAAGCCTCCACTAGGCACAGGCGGTAAAC
 GAAGAAGGAAATTAAGAAAAGCAGCCATTTGGAAGTCCACAGGGAAGGGGACGGTTCTAGCACCACAGA
 TAACACACAGGAGGGAGCGGTGCAGAGCCAGGCGCAGGCGCCCTTACAGTGTTGGCAGTGTCTTCTAGA
 GACCTTTGGCTTGTCTTTCTTCTTATCAGGGTCAAAGAAGGCAAAGAATTCATTGATAAGTCAACCG
 AGACTGACAATGGCTATGTGTCCCTCGATGGGAAGAGGACTGTAAAAAGCAGTGAGGATGGAGCACAGTA
 CCATGAGCCTCAGTGTGAACTGTTGGACCAGAAGACGCAGCCTGGGCCACACGAACGCCAAGGAGTGT
 CCTGCCAAAGATACCAAAGAAAGATAACAAATGTCTCTGATGAAGTATCCAGTGAGGAGGGTCCCGAAA
 CAGGATACCCATTGCGTGGTCAATGTGGACAGAACTTCTGAAAGCGGTCTTCGAAATAGAAAGCCACACCA
 TTATAAAAAGCATTATGCAAATGAGGATGCCCTAAATCGGGTACTAGTGCAGCTCTCGCTGTTCAAGT
 TCCAGACAGGATTCTGAGAGCACAAGGCCAGAATCTGAAACCGAAGATGTATTATGGGAAGACTTGTAC
 ACTGTGCGGAATGCCGCTCATCTTGTACCAGTGAGACAGATGTGGGAAACCCTCAGATAAATCCATGTGG
 GAAGAAAAGAAATAGAGACGACCCTTTTTCATCAGAGTCATTTGCCCTGGCTTCATAGTCCACCCAGGA
 TTAGAAAAATCAGTGCTATAGTGTGGGAAGGTAACTGTAAGAAAAGCAGACATGTCTGTACTTGAAA
 TCAGTGGGATGATAATGAACAGAGTGAACAACCATGTCCCAGGCATAGGATACCAGGATTTTGAAATGC
 CATCTCTAATCCTGGCTTGACCCATTTGTTTTCCGACTGTCACAAGCAACAGACTTGGAGCAGCTC
 ACAGCCCATCTGCGTCAGAACTTTATGTGATTGCGTTTGGCTTAACGAAGATGTCATGGTTCTTTCTA
 TGGTCTGATAAGTTTTGTTGTTGAGTCTCTTGTGTGGATCTCTTTTTTTTGTGTGTGTAGCAGA
 AAGAACATATAAGCAACGATTACTTTTTGCAAACTCTTTGGACACTTGACGTCTGCAAGGAGAGCTCGC
 AAATCTGAGGTTCCGCATTTCCGGTTGAAGAAAGTACAGAATATAAAAATGTGGCTGTCTCTGCGTTCCT
 ATCTTAAGCGCCGAGGCCCTCAGCGATCTGTGGATGTCATTGTCTCATCGGCCTTCTACTGACAACTCTC
 AGTTGTGTTTATCTGCTGTGCACAGCTGCTCCACGTGCACGAGATCTTCCTTGACTGTCACTATAACTGG
 GAGCTGGTGTCTGGTGCATCTCCTAACGCTGTTCTCCTGAGGTTTCGTTACTCTTGGATCAGAAACCA
 GCAAGAAATACAGCAATACCTCAATCCTACTTACGGAACAGATAAACCTCTACTTGAAAATGGAGAAGAA
 ACCTAACAAAAAGGAGGAGCTGACCCTTGTGAATAATGTGTTAAAGCTGGCTACGAAACTGCTGAAGGAA
 TTGGACAGTCCCTTTAGGTTGTATGGACTTACAATGAATCCGCTGCTGTATAACATCACCCAGGTTGTCA
 TCCTTTCCGCTGTTTCCGGTGTATCAGTGACTTGCTTGGATTAATTTAAAGCTGTGGAAGATCAAATC
GTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul
ACCN: NM_172992
Insert Size: 2244 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_172992.3 , NP_766580.3
RefSeq Size:	4839 bp
RefSeq ORF:	2244 bp
Locus ID:	68770
UniProt ID:	Q8CB19
Cytogenetics:	5 A3
Gene Summary:	May play a role in transcription regulation.[UniProtKB/Swiss-Prot Function]