

Product datasheet for **SC115979**

PHTF1 (NM_006608) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	PHTF1
Synonyms:	PHTF
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)



Fully Sequenced ORF: >NCBI ORF sequence for NM_006608, the custom clone sequence may differ by one or more nucleotides

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ATGGCCTCAAATGAGAGAGATGCTATATCGTGGTACCAAAAGAAGATTGGAGCCTACGATCAGCAGATAT
GGGAAAAGTCAATCGAACAGACTCAGATTAAGGGTTTGAAAAACAAACCGAAAAAGATGGGCCACATAAA
GCCAGACTTGATTGACGTTGACTTAATCAGAGGGTCAACATTTGCCAAAGCAAAACCTGAAATTCATGG
ACATCTCTGACTCGGAAGGGGCTTGTTCGAGTTGATTTTTTCCATTGTTCAAGCAATTGGTGGATTGAGG
TTACCTCTTTAAGAATCTTTGTTGGCTGTTACTACTTTATTTTCATGCAAGTTATAGCAATTGTCTTATA
TTTGATGATGCCTATTGTGAACATAAGTGAAGTACTTGGACCCCTTGTGCCTTATGCTACTCATGGAACT
GTCCACTGTCAAATTTGTGCTACTCAGATAACAAGACCATCAGGAAACAATGGAATCGAAGAAGAAGAA
AATTACGAAAAACTGTAAATGGTGATGGGAGCCGAGAAAAATGGAATAACTCCTCTGATAAAGTCAGAGG
AATAGAAACTTTGGAATCTGTACCCATTATTGGTGGTTTTTGGGAGACTATCTTTGGCAACAGGATTAAA
AGAGTAAAATTAATATCTAACAAAGGGACTGAACTGACAATGACCCAAGTTGTGTCCATCTATCATTAA
AGAGGAGACAATGTCGACCAGAGATTAGAATGTGGCAACAAGAGAGAAAGCAAAATTTTCAGATGGAGA
AAAGTGCCGTAGGGAGGCTTTTAGGCGTTTGGGTAATGGGGTGCTGATGACCTGTCAAGTGAAGAAGAT
GGTGAAGCACGGACACAGATGATATTATTGCGTAGGAGTGTGGAAGGGGCTCAAGTGACATGGTTGTG
AAGTTAAGAATAGAAAACTAATCTTTCAAGGCACCTAACTCTCAGGTAAAGAAAACCACTACAAGGTG
GTGTCATATTGTGCGGGATTGAGATAGTCTGGCTGAATCAGAATTTGAATCAGCAGCCTTCAGCCAGGGC
TCTAGATCGGGTGTGAGTGGTGGCTCTCGAAGCCTCAACATGTCAAGAAGAGACTCAGAAAGCACCCGCC
ATGACTCGGAGACTGAGGACATGTTATGGGACGACCTGCTACATGGCCCAGAGTGCCGGTCATCTGTCAC
CAGTGACAGTGAGGGGGCCATGTGAATACCCCTCACTCAGGGACCAACGTGACCCCAAAGAGGATGTT
TTTCAGCAGAATCATTTATTCTGGCTTCAGAATCAAGTCCTTCCTCTGATCGAGTTAGTGAATAATCT
GGGAGGGGAATGAGTGCAAAAAGATGGATATGTCTGTGTTGGAATAAGTGGCATCATCATGAGCAGGGT
CAATGCCTATCAGCAAGGAGTAGGTTATCAGATGCTGGGAAATGTTGTCATATTGGATTAGCATTTTTT
CCATTCTTACATCGACTTTTCCGTGAGAAGAGCCTTGACCAACTAAAGTCCATTTGAGCTGAGGAGATCT
TGACTCTCTTTTGTGGGCACCACTGTTACACCTATTATTGTTTTGTCGATAATTAATTTTTTTGAAAG
ATTGTGCTTACTTGGATGTTTTTTTTTCATGATGTGTGTGGCAGAGAGAACATATAAACAGAGATTTTTTA
TTTGCAAACTCTTCAGCCATATTACTTCTGCCAGGAAAGCTAGGAAATATGAAATACCTCATTTTCAGAC
TTAAGAAGGTGGAGAATATTAATATGGTTATCACTGCGTTCCTATCTAAAGAGACGGGGCCACAGCG
TTCAGTTGATGTGGTTGTATCCTCGGTTTTCTACTGACACTTTCGATTGCTTTTCATTTGTTGTGCTCAG
GTTCTCCAAGGACATAAACTTTCTGAATGATGCTTATAACTGGGAGTTTTTGATCTGGGAAACAGCTT
TACTACTTTTTTTATTGCGTCTGGCCTCACTGGGGTCTGAAACCAATAAGAAATACAGCAATGTTTCAAT
ATTACTTACAGAACAGATTAATTTATCTTAAGATGGAAAAAAGCCAAATAAGAAAGAACAGCTTACT
CTAGTAAACAATGTATTAAGCTGTCCACCAAGTTGTTGAAAGAGCTGGACACACCATTTAGACTCTATG
GACTGACAATGAATCCCTTAATCTACAATATCACAAGAGTAGTTATCCTTTCTGCTGTCTCAGGTGTTAT
AAGTGATCTCTAGGATTTAATATAAGACTGTGAAAAATTAATCATAA
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5' Read Nucleotide

Sequence:

>OriGene 5' read for NM_006608 unedited
TAATACGAAGTCACTAAAGTGGCGGCGGCGACTTCGGCACGAGTGAAGATTCGGCCTGCC
TGGCCCGCCGCTCGCCCCGGCCTCACGGTGGGACCCGGGCACTGAGGACGAGGTCC
CGGGCGCCGCGCCGCGGGCAACGGGCACTAGTGAATCCCATTTCTGGCTAGAGACAC
AGATGGCCTCAAATGAGAGAGATGCTATATCGTGGTACCAAAAGAAGATTGGAGCCTACG
ATCAGCAGATATGGGAAAAAGTCAATCGAACAGACTCAGATTAAGGGTTTGAAAAACAAA
CCGAAAAAGATGGCCACATAAAGCCAGACTTGATTGACGTTGACTTAATCAGAGGGTCA
ACATTTGCCAAAGCAAAACCTGAAATTCATGGACATCTCTGACTCGGAAGGGGGCTTGT
TCGAGTTGTATTTTTCCATTGTTCAAGCAATTGGTGGATTACAGTTACCTCTTAAGAAT
CTTTGTTTGGCTGTTACTACTTTATTTTATGCAAGTTATAGCAATTGTCTTATATTTGAT
GATGCCTATTGTGAACATAAGTGAAGTACTTGGACCTTGTGCCTATGCTACTCATGGG
AACTGTCCACTGTCAAAATTTGTCTACTCAGATAACAAGACCATCAGGAAACAATGGAA
ATCGAAGAAAAAGAAATACGAAAACTGTAATGGNTGATGGGAGCCGAGAAATGGAAT
AACTCCTCTGATAAAGTCAGAGGAATAGANACTTNGNAATCCTGTANCATTATTGGGTGG
GTTTTTGGGAGAACTATCTTGGCAACAGTTGGGAAGTCTTTTTTACTTGATTTTGGAA
TTACCGNAGGGTTACCAGATGGNTTAGTATCATCAGGCTCTAGAGNAAGAGNATAGACTA
ACTTGGGGGGATTTTAAAGGTATAAAAGGGCTNGCTACTAAAAGNTNNGCTAACTGCTG
TTTTGTTACTGGATGCAT

3' Read Nucleotide

Sequence:

>OriGene 3' genomic read for NM_006608 unedited
GGACCGCGGCACGCAATCTAGTGTCTGAGNTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT
TTTTTTCTTTGGAACAAAGTCTCGTTCTGTACCCAGGCTGGAGTGCAGGGGCGTGAT
CTCAGCTCACTGCAATGCCACCTCTTGGTTAAAGCAATCCCTGCCTAAGCCTCCCA
GGTAGCTGGGATTACAAGTACCCACCATCATGCCGGGTTAATTTTTGAATTTTTTTAGAA
AAAATGGGGTTTACCATTGTTGGCCAAATTTGGTCTTAACTACTGACCTCAGGGGATCCA
CCCACCTCAGCCTCCCAAGGGCTGGGATTACAGGCGTGAGCCACCAGCCTGGCCTGGG
TTTTCTTTCTATCGCATAGTCAGGGCACAAATTTCCAACTTTTATGCTCTGCTTCC
CTTATAAACTGATTGCCTTTAACACACCCAAATCACCTCTTAATGCTTTGCTACTTA
AAAATTTTTCCGCCAAATACCTAAATCATCTCTCTTAAGTCCAAAGTTCCACAAATCT
CTAAGGGAGGGGCAAAATGCCACCACTCTTTTGTCTAAACATAACAAGAGTCACCTTTG
CTTAAGTTCCTCAACAAGTTCCTCATCTCCATCTGTTACCACCTAAGCCTAGACCTTATTG
TTCATATCACTATCAGCATTGCTGGCAAAGCCATTCAACAAATCTCTAGGAGGCTCCAAA
CTTCCCAATTTTCTGTCTTCTCTGAGCGCTCAACTGTTCAAACCTCTGCCTGTTACCCA
GTCCAAGTTGTTTCATATTTAAGGTATCTTTAGCACACCCACTCTACTGGACCAATTAC
TNATTAGTCATTTTCTGCTGNGAAAAAGACTACCGAACTGAAAAAAGAGTTATTGGCCTA
CGTCCAGGTTGGGAGGTTAAATCCACAGGAGGAAAGCCTCTTAATGGGCGGAAAAAAA
AACAACAAATCCGTAACCTTCGT

Restriction Sites:

NotI-NotI

ACCN:

NM_006608

Insert Size:

4100 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:	<u>NM_006608.1, NP_006599.1</u>
RefSeq Size:	3244 bp
RefSeq ORF:	2289 bp
Locus ID:	10745
UniProt ID:	<u>Q9UMS5</u>
Cytogenetics:	1p13.2
Protein Families:	Transcription Factors, Transmembrane
Gene Summary:	May play a role in transcription regulation.[UniProtKB/Swiss-Prot Function]