

Product datasheet for **SC323193**

PHTF2 (NM_001127358) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PHTF2 (NM_001127358) Human Untagged Clone
Tag:	Tag Free
Symbol:	PHTF2
Vector:	<u>pCMV6 series</u>



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Fully Sequenced ORF: >NCBI ORF sequence for NM_001127358, the custom clone sequence may differ by one or more nucleotides

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ATGGCGTCCAAAGTCACAGATGCTATAGTCTGGTATCAAAAGAAGATTGGAGCATATGAT
CAACAAATATGGGAAAAATCTGTTGAACAGAGAGAAATCAAGGGGCTAAGGAATAAACA
AAGAAAACAGCACATGTGAAACAGACCTCATAGATGTTGATCTTGTAAAGAGGCTGCA
TTTGCAAAGGCAAAGCCTGAAAGTCTTGACTTCTCTGACCAGAAAGGGAATTGTTTCA
GTTGATTTTTTCCCCTTTTTCTCCGGTGGTGGTTACAAGTAACATCAAAGGTCATCTTT
TTCTGGCTTCTTGTCTTTATCTTCTTCAAGTTGCTGCAATAGTATTATTCTGCTCCACT
TCTAGCCACACAGCATACCTCTGACAGAGGTGATTGGGCCGATATGGCTGATGCTGCTC
CTGGGAACTGTGCATTGCCAGATTGTTCCACAAGAACACCCAAACCTCCTCTAAGTACA
GGGGGTAAAAGAAGAAGGAAATTAAGAAAAGCAGCCCATTTGGAAGTACATAGGGAAGGA
GATGGTCTAGTACCACAGATAACACACAAGAGGGAGCAGTTCAGAACCACGGTACAAGC
ACCTCTCACAGCGTTGGCACTGTCTTCCAGAGATCTCTGGCATGCTGCTTTCTTTTATCA
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TCCCTTGATGGGAAGAAGACTGTTAAAAGCGGTGAAGATGGAATACAAAACCATGAACCT
CAGTGTGAAACTATTCCAGCAGAAAGAGACAGCCTGGAACACAGGAACACTGAGGAATGGT
CCTAGCAAAGATACCCAAAGGACAATAACAAATGTCTCTGATGAAGTCTCCAGTGAGGAA
GGTCTGAAACAGGATACTCATTACGTCGTCATGTGGACAGGACTTCTGAAGGTGTTCTT
CGGAATAGAAAGTCACACCATTATAAGAAACATTACCCTAATGAGGACGCCCTAAATCG
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GAATCTGAAACAGAAGATGTGTTATGGGAAGACTGTTACATTGTGCAGAATGCCATTCA
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AAATCTGAGGTTCTCATTTCGGTTGAAGAAAGTACAGAATATAAAAAATGTGGCTATCT
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GCTTTCTATTGACTATCTCAGTTGATTTATCTGTTGTGCCAGCTACTTCATGTACAC
GAGATCTTCTTGATTGTCACTACAATTGGGAATTGGTAATCTGGTGCATCTCGTTAAACA
CTTTTTCTCCTAAGATTTGTTACCCTGGATCAGAAACAAGTAAAAAATATAGTAATACC
TCAATATTACTTACTGAACAGATAAACCTCTACTTGAAAATGGAGAAAAAACCTAACAAA
AAGGAGAACTGACACTAGTGAATAATGTTTTAAACTGGCTACTAACTGCTAAAGGAG
TTGGACAGTCTTTTAGATTATATGGGCTTACAATGAATCCGCTGCTTTATAACATCACC
CAGGTTGTTATCTGTGAGCTGTTTCTGGTGTATCAGTGACTTGCTTGGATTTAATTTA
AAGCTATGGAAGATTAAGTCA
    
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Restriction Sites: Please inquire

ACCN: NM_001127358

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).

OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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_001127358.1</u> , <u>NP_001120830.1</u>
RefSeq Size:	5102 bp
RefSeq ORF:	2244 bp
Locus ID:	57157
UniProt ID:	<u>Q8N3S3</u>
Cytogenetics:	7q11.23-q21.11
Protein Families:	Transcription Factors, Transmembrane
Gene Summary:	<p>May play a role in transcription regulation.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (3) contains an additional 5' non-coding exon, and is missing a short, in-frame coding exon compared to transcript variant 1, resulting in an isoform (2) that is lacking a 4 aa internal segment compared to isoform 1. Transcript variants 2 and 3 encode the same isoform.</p>