

Product datasheet for **SC322995**

PHTF2 (NM_001127360) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PHTF2 (NM_001127360) Human Untagged Clone
Tag:	Tag Free
Symbol:	PHTF2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC322995 representing NM_001127360. Blue=Insert sequence Red=Cloning site Green=Tag(s)

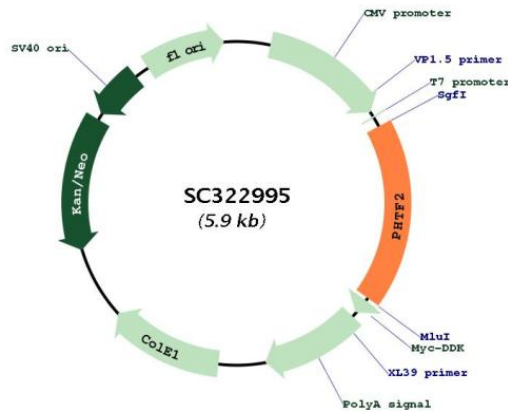
```
GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGCGTCCAAAGTCACAGATGCTATAGTCTGGTATCAAAGAAGATTGGAGCATATGATCAACAAATA
TGGGAAAAATCTGTTGAACAGAGAGAAATCAAGGGGCTAAGGAATAAACCAAGAAAAACAGCACATGTG
AAACCAGACCTCATAGATGTTGATCTTGTAAAGAGGGTCTGCATTTGCAAAGGCAAAGCCTGAAAGTCCT
TGGACTTCTCTGACCAGAAAGGAATTGTTGAGTTGTATTTTCCCCTTTTCTCCGGTGGTGGTTA
CAAGTAACATCAAAGTCATCTTTTCTGGCTTCTTGTCTTTATCTTCTCAAGTTGCTGCAATAGTA
TTATTCTGCTCCACTTCTAGCCACACAGCATACCTCTGACAGAGGTGATTGGCCGATATGGCTGATG
CTGCTCCTGGAACTGTGCATTGCCAGATTGTTCCACAAGAACCCAAACCTCCTCTAAGTACAGGG
GGTAAAAGAAGAAGGAAATTAAGAAAAGCAGCCATTTGGAAGTACATAGGGAAGGAGATGGTTCTAGT
ACCACAGATAACACACAAGAGGGAGCAGTTCAGAACACGGTACAAGCACCTCTCACAGCGTTGGCACT
GTCTTCAGAGATCTCTGGCATGCTGCTTTCTTTTATCAGGATCAAAGAAAGCAAAGAATTCAATTGAT
AAATCAACTGAACTGACAATGGCTATGTATCCCTTGATGGGAAGAAGACTGTTAAAAGCGGTGAAGAT
GGAATACAAAACCATGAACCTCAGTGTGAACTATTCGACCAGAAGAGACAGCCTGGAACACAGGAACA
CTGAGGAATGGTCTAGCAAAGATACCCAAAGGACAATAACAAATGTCTCTGATGAAGTCTCCAGTGAG
GAAGGTCTGAAACAGGATACTCATTACGTCGTCATGTGGACAGGACTTCTGAAGGTGTTCTTCGGAA
AGAAAGTCACACCATTATAAGAAACATTACCCTAATGAGGTATATACTTTGTCCTTAAGGTATACATA
CGTATCTATTTTATATGTTACTAA
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
```

Restriction Sites: Sgfl-MluI



[View online »](#)

Plasmid Map:



ACCN: NM_001127360

Insert Size: 1059 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).

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:

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_001127360.1](#)

RefSeq Size: 2625 bp

RefSeq ORF: 1059 bp

Locus ID:	57157
UniProt ID:	Q8N3S3
Cytogenetics:	7q11.23-q21.11
Protein Families:	Transcription Factors, Transmembrane
MW:	39.9 kDa
Gene Summary:	May play a role in transcription regulation.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (5) contains an additional 5' non-coding exon, is missing a short, internal in-frame coding exon, and several coding exons at the 3' end compared to transcript variant 1, resulting in a shorter isoform (4) lacking a 4 aa internal segment and with a distinct C-terminus compared to isoform 1.