

Product datasheet for **SC337343**

PHF3 (NM_001290260) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PHF3 (NM_001290260) Human Untagged Clone
Tag:	Tag Free
Symbol:	PHF3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >NCBI ORF sequence for NM_001290260, the custom clone sequence may differ by one or more nucleotides

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ATGGATATAGTTGATACATTTAATCATTTAATTCCTACTGAACACTTAGATGATGCCCTATTTCTAGGAT
CCAACCTGGAGAATGAAGTCTGTGAGGATTTTAGTGCAAGTCAAATGTCTTAGAGGACTCGCTGAAGAA
CATGCTCAGCGATAAAGGATCCTATGCTAGGATCTGCAAGTAACCAAGTTCTGTTTGCCTGTTTTGGATAGC
AATGATCCCAATTTCCAGATGCCTTGTTCAACAGTTGTTGGTCTTGACGATATTATGGATGAAGGAGTTG
TTAAAGAAAGTGGAATGATACCATTGATGAAGAAGAAGTGAATTTACCTAACAGGAACCTAAGGGACAA
GGTAGAAGAAAATTCAGTGAGATCTCCAAGAAAATCACCTCGTTAATGGCACAAGAACAAGTAAGAAGT
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AGACTGTATCTACTGCTAAAGCAGGAGTGAAACAACCAGAAAGGAGTCAGGTTAAAGAAGAAGTATGTAT
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CCTGAAGTATCAGTGTCTTCAAGTCATTCTTCAAGTGCATCTTGTCTTGAATGAAGGATGAAGATGGAT
TAGATTCTAAGCATAAGTGAATAATCCGGGAGAAATAGATGTGCCATCTCATGAATTAATTTGTTCACT
TCTTTTCAGAGACTTGTGTTACTATTGGAGAAAAGAAAAATGAAGCTTTGATGGAATGTAAGCCAAGCCT
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CGGGTGAGACTGTTGTTGAAGAAATGATAGCAACAAGAAAAGTTGAACAAGATTCAAAGGAGACAGTAAA
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ACCGTTGGGTTATTGTGAAGATGCGGAGTCTAATAGGCAGTTGGAGAGCACTGAGTTTAAATAATCAAAC
TTAGAGGTGGTTGATACTAGTACTTTTGGACCGAAAAGTAAATCTTGGAAAATGCTATTTGTGATGTGC
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TCAGCAAAATTTTCATAGGCCAGTCAAAGTCAGAAAAAACAATGATAAGGAGCCAAAGATTCAGAGT
TGCAATTTCTGGGGTTAAATCTGTGAAAAACCAAGCTCATTCTGTACTGAAAAAACATTACAGGATCAA
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GAAAGAACCTCATCATCCTGCACAACTGGACATGTATCATTCTAGCCAGAAACAGTGCATAAGCCT
CAGCAACAGGCCCCAGCAATGAAAACCAATAGTCACGTGAAGGAAGAGCTTGAACACCCAGGCGTTGAGC
ATTTTAAGGAAGAGGATAAACTGAAACTGAAAAACCTGAGAAGAACCTACAACCCGCCAAAGAAGAAG
CAGCAAAAGTTTTCTTTAGATGAGCCACCATTGTTCAATCCAGATAACATAGCTACCATAAGAAGAGAA
GGCTCTGATCATAGCTCCTCATTGAAAGCAAATATATGTGGACTCCCAGCAAGCAGTGTGGGTTTTGCA
AAAAACCATGGCAACAGGTGTGTGTGTATGTGTGATGATGA
    
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Restriction Sites: Sgfl-MluI

ACCN: NM_001290260

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.

RefSeq: [NM_001290260.1](#), [NP_001277189.1](#)

RefSeq Size: 3014 bp

RefSeq ORF: 2211 bp

Locus ID: 23469

UniProt ID: [Q92576](#)

Cytogenetics: 6q12

Protein Families: Transcription Factors

Gene Summary: This gene encodes a member of a PHD finger-containing gene family. This gene may function as a transcription factor and may be involved in glioblastomas development. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Mar 2014]
Transcript Variant: This variant (3) uses an alternate 3' structure, compared to variant 1. The encoded protein (isoform 3) has a shorter and distinct C-terminus, compared to isoform 1.
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.