

Product datasheet for **RG220863**

PHF3 (NM_015153) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PHF3 (NM_015153) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	PHF3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG220863 representing NM_015153 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGATATAGTTGATACATTTAATCATTAAATTCCTACTGAACACTTAGATGATGCCCTATTTCTAGGAT
CCAACCTGGAGAATGAAGTCTGTGAGGATTTTAGTGCAAGTCAAATGTCTTAGAGGACTCGCTGAAGAA
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TCAGCAAATTTTCATAGGCCAGTCAAAGTCAGAAAAACAAATTGATAAGGAGCCAAAGATTCAGAGT
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 CACACTGACAGAATAAAAGCAAAGG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence:

>RG220863 representing NM_015153
 Red=Cloning site Green=Tags(s)

MDIVDTFNHLIPTEHLDDALFLGSNLENEVCEDFSASQNVLEDSLKNMLSDKPMLGSASNQFCLPVLDS
 NDPNFQMPCCSTVVGLDDIMDEGVVKEGNDTIDEELIILPNRNL RDKVEENSVRSPRKLMAQEQVRS
 LRQSTIAKRSNAAPL SNTKKASGKT VSTAKAGVKQPERSQVKEEVCM SLKPEYHKENRRCSRNSGQIEVV
 PEVSVSSSHSSVSSCLEMKDEGLDSKHKCNNGEIDVPSHEL NCSLLSETCVTIGEKKNEALMECKAKP
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 TNPNTENSLVGLPSCVDEVTECNLELKD TMGIADKTENTLERNKIEPLGYCEDAESNRQLESTEFNKS
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 QSLLGTTGQVYDQAQSVMEQNTVKEIPFLNEQTNSKIEKTDNVEVTDGENKEIKVKVDNISESTDKSAEI
 ETSVVGSSSISAGSLTSLSLRGKPPDVSTEAFLTNLSIQSKQEETVESKEKTLKRQLQEDQENNLQDNQT
 SNSSPCRSNVGKGNIDGNVSCENLVANTARSPQFINLKRDRPQAAGRSQPVTTSESKDGDSCRNGEKHM
 LPGLSHNKEHLTEQINVEEKLCSAEKNSCVQSDNLKVAQNPSVENIQT SQAQAKPLQEDILMQNIET
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 SREEGHKDKERARLSHGDRGTDGKASRDSRNVDKPKPKSEDYEKDEREKSKHREGEKDRDRYHKDRD
 HTDRTKSKR

TRTRPLE - GFP Tag - V

Restriction Sites:

Sgfl-MluI

Cloning Scheme:



ACCN: NM_015153

ORF Size: 6117 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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_015153.4](#)

RefSeq Size: 6948 bp

RefSeq ORF: 6120 bp

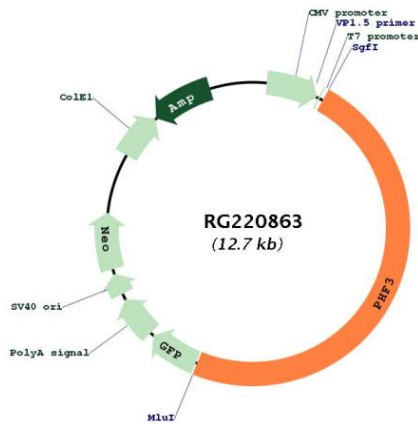
Locus ID: 23469

UniProt ID: [Q92576](#)

Cytogenetics: 6q12
Domains: PHD, TFS2M
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]

Product images:



Circular map for RG220863