

Product datasheet for **RG213315**

PHF20L1 (NM_032205) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PHF20L1 (NM_032205) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	PHF20L1
Synonyms:	CGI-72; TDRD20B
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence:

>RG213315 representing NM_032205
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAGTAAAAAGCCCCAAATCGCCTGGAATCACTTTTGAGATTGGTGCTCGTTTGAGGCACTGGACT
 ACTTACAAAAATGGTATCCATCACGAATTGAAAAAATTGACTATGAGGAGGGCAAGATGTTGGTCCATTT
 TGAGCGCTGGAGTCATCGTTATGATGAGTGGATTTACTGGGATAGCAATAGATTGCGACCCCTTGAGAGA
 CCAGCACTAAGAAAAAGAGGGCTAAAAGATGAGGAAGATTTCTTTGATTTTAAAGCTGGAGAAGAAGTTC
 TGGCTCGTTGGACAGACTGTCGCTATTACCCTGCCAAGATTGAAGCAATTAACAAAGAAGGAACATTTAC
 AGTTCACTTTTATGATGGAGTAATTCGTTGTTTAAAAAGAATGCACATTAAGCCATGCCGAGGATGCT
 AAGGGGCAAGTGAATCCAGCATCCACTAAGCTGGTGTGTCTATCGACCCAGCTGGATCGTGTAAACC
 AGTCTATGGGAAGTGAGGATTGGATAGCTTTAGTCAAAGCAGCTGCTGCAGCTGCAGCAAGAACAAAAAC
 AGGGAGTAAACCTCGAACAGCGCTAACAGCAATAAAGATAAGGATAAAGATGAGAGAAAGTGGTTTAAAG
 GTACCTTCAAAGAAGGAGGAAACTTCAACTTGTATAGCCACACCAGACGTAGAGAAGAAGGAAGATCTGC
 CTACATCTAGTGAACATTTGGACTTCATGTAGAGAACGTTCCAAAGATGGTCTTTCCACAGCCAGAGAG
 CACATTATCAAACAAGAGGAAAAATAATCAAGGCAACTCGTTTCAGGCAAAGAGAGCTCGACTTAAACAAG
 ATTACTGGTTTGTGGCATCAAAGCTGTTGGGGTTGATGGTGTCTGAAAAAAGGAAGACTACAATGAAA
 CAGCTCCAATGCTGGAGCAGGCGATTTACCTAAACCTCAAAGTCAGAAAAAATGAAGCTGACATTAG
 CAGTTCTGCCAACACTCAGAACTGCACTGTTATCCTCAACTTTGTCTTCAGGGAAGGCTCGCAGCAAG
 AAATGCAAAATGAATCTGGAGATCTTCTGGGTGATAAAACCCCTAAATCACCACCTTTCCCGAGAAT
 TAATACAAGTCGAGGATTTGACGCTTGTATCTCAGCTTTCTTCTCAGTGATAAAATAAACTAGTCCTCC
 ACAGCCTGTGAATCCCCCTAGACCTTTCAAGCATAGTGAGCGGAGAAGAAGATCTCAGCGTTTAGCCACC
 TTACCCATGCCTGATGATTCTGTAGAAAAGGTTTCTTCTCCCTCTCCAGCCACTGATGGGAAAGTATTCT
 CCATCAGTTCTCAAATCAGCAAGAATCTTCAGTACCAGAGGTGCCTGATGTTGCACATTTGCCACTTGA
 GAAGCTGGGACCCTGTCTCCCTCTTGACTTAAGTCGTGGTTTCAAGGTTACAGCACCCGAGCCTCAGAT
 TCCTCTTACCGTAATGAATGTCCAGGGCAGAAAAAGAGGATACACAGATGCTTCCAAATCCTTCTTCCA
 AAGCAATAGCTGATGGAAGAGGAGCTCCAGCAGCAGGAATATCGAAAAACAGAAAAAAGTGAATTT
 GGAAGACAAAAGCTCAACAGCATTGGTATCAGGAGTTGGGATTTCTCAGCACTGCTAATGAAGATCCCC
 TCTTATAGTCCAATAAGCTTATCAGGACTTCAGAGTCA

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence:

>RG213315 representing NM_032205
 Red=Cloning site Green=Tags(s)

MSKPPNRPGITFEIGARLEALDYLQKWYPSRIEKIDYEEGKMLVHFERWVSHRYDEWIYWDSNRLRPLER
 PALRKEGLKDEEDFFDFKAGEEVLARWTDCRYYPKIEAINKEGFTTVQFYDGVIRCLKRMHIKAMPEDA
 KGQVKSQHPLSWCCPIDPAGSCNQSMGSEDWIALVKAATAAAKNTGSKPRTSANSNKDKDKDERKWFK
 VPSKKEETSTCIATPDVEKKEDLPTSSETFGLHVENVPKMVFPQPESTLSNKRKNNQGNFSQAKRARLNK
 ITGLLASKAVGVDGAEEKEDYNETAPMLEQAISPKPQSQKNEADISSANTQKPALLSSTLSSGKARSK
 KCKHESGDSSGCIKPPKSPLSPELIQVEDLTLVSQLSSSVINKTSPQPVNPPRPFKHSERRRRSQRLAT
 LPMPDDSVKVVSPSPATDGKVFSSSQNQESSVPEVPDVAHLPLEKLGPCPLDLRSGSEVTAPVASD
 SSYRNECPRAEKEDTQMLPNPSSKAIADGRGAPAAAGISKTEKKVKLEDKSSSTAFGIRSWDF SALLMKIP
 SYSPISLSGLPES

TRTRPLE - GFP Tag - V

Restriction Sites:

Sgfl-MluI

Cloning Scheme:



ACCN: NM_032205

ORF Size: 1719 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_032205.3](#), [NP_115581.3](#)

RefSeq Size: 2286 bp

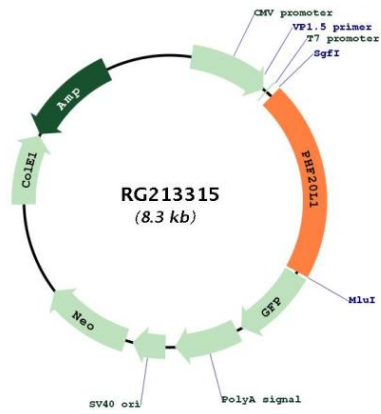
RefSeq ORF: 1721 bp

Locus ID: 51105

Cytogenetics: 8q24.22

Protein Families: Druggable Genome, Transcription Factors

Product images:



Circular map for RG213315