

Product datasheet for RC210609

PHF10 (NM_018288) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PHF10 (NM_018288) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	PHF10
Synonyms:	BAF45A; XAP135
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC210609 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCTTCAAGAACAAGTCAGTGAATATTTGGGTGTGACCTCCTTTAAAAGGAAATATCCAGATTTAGAGC
GACGAGATTTGTCTCACAAGGAGAACTCTACCTGAGAGAGCTAAATGTCATTACTGAACTCAGTGCAC
TCTAGGCTTAACAGCATTGCGCAGTGATGAAGTGATTGATTTAATGATAAAAAGAATATCCAGCCAAACAT
GCTGAGTATTCTGTTATTCTACAAGAAAAAGAACGTCAACGAATTACAGACCATTATAAAGAGTATTCCC
AAATGCAACAACAGAATACTCAGAAAGTTGAAGCCAGTAAAGTGCCTGAGTATATTAAGAAAGCTGCCAA
AAAAGCAGCAGAAATTAATAGCAACTTAAACCGGGAACGCATGGAAGAAAGAAGAGCTTATTTTGACTTG
CAGACACATGTTATCCAGGTACCTCAAGGGAAGTACAAAGTTTTGCCAACAGAGCGAACAAGGTCAGTT
CTTACCCAGTGGCTCTCATCCCCGGACAGTTCCAGGAATATTATAAGAGGTAATCACCAGATGAGCTGCG
GTATCTGCCATTAACACAGCCCTGTATGAGCCCCCTCTGGATCCTGAGCTCCCTGCTCTAGACAGTGAT
GGTGATTGAGATGATGGCGAAGATGGTCGAGGTGATGAGAAACGGAAAAATAAAGGCACTTCGGACAGCT
CCTCTGGCAATGTATCTGAAGGGGAAAGCCCTCCTGACAGCCAGGAGGACTCTTCCAGGGAAGACAGAA
ATCAAAAAGACAAAGCTGCCACTCCAAGAAAAGATGGTCCCAAACGTTCTGTACTGTCCAAGTCAGTTCTC
GGGTACAAGCCAAAGGTCATTCCAATGCTATATGTGGAATTTGTCTGAAGGGTAAGGAGTCCAACAAGA
AAGGAAAAGGCTGAATCACTTATACACTGCTCCCAATGTGAGAATAGTGGCCATCCTTCTTGCTGGATAT
GACAATGGAGCTTGTCTATGATTAAGACCTACCCATGGCAGTGATGGAATGAAAACATGCATTATA
TGTGGACAACCCACCATGAAGAAGAAATGATGTTCTGTGATATGTGTGACAGAGTTATCATACTTTTT
GTGTGGCCCTTGGTGCTATTCCATCAGGTCGCTGGATTTGTGACTGTTGTGACGGGCCCCCCCAACACC
CAGGAAAGTGGCAGAAGGGGAAAAACAGCAAAGAGGGA

ACGGTACGGCGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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_018288.2](#), [NP_060758.1](#)

RefSeq Size: 1692 bp

RefSeq ORF: 1497 bp

Locus ID: 55274

UniProt ID: [Q8WUB8](#)

Cytogenetics: 6q27

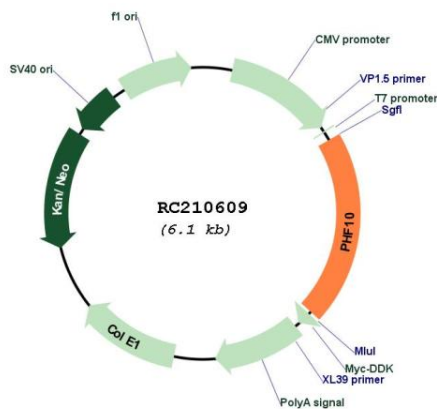
Domains: PHD

Protein Families: Druggable Genome, Stem cell - Pluripotency, Transcription Factors

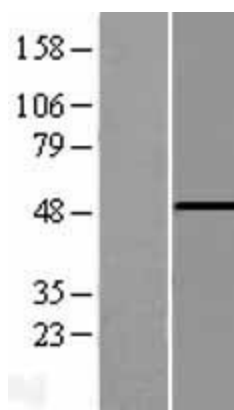
MW: 46.6 kDa

Gene Summary: This gene contains a predicted ORF that encodes a protein with two zinc finger domains. The function of the encoded protein is not known. Sequence analysis suggests that multiple alternatively spliced transcript variants are derived from this gene but the full-length nature of only two of them is known. These two splice variants encode different isoforms. A pseudogene for this gene is located on Xq28. [provided by RefSeq, Jul 2008]

Product images:



Circular map for RC210609



Western blot validation of overexpression lysate (Cat# [LY413136]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC210609 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).