

Product datasheet for RC218127

PHD finger protein 6 (PHF6) (NM_001015877) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PHD finger protein 6 (PHF6) (NM_001015877) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	PHD finger protein 6
Synonyms:	BFLS; BORJ; CENP-31
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC218127 representing NM_001015877 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTC AAGCTCAGTTGAACAGAAAAAGGGCCTACAAGACAGCGCAAATGTGGCTTTTGAAGTCAAATA
GAGACAAGGAATGTGGACAGTTACTAATATCTGAAAACAGAAAGTGGCAGCGCACCATAAGTGCATGCT
CTTTTCATCTGCTTTGGTATCATCACACTCTGATAATGAAAGTCTTGGTGGATTTTCTATTGAAGATGTC
CAAAGGAAATTAAGAGGCACGAAGCTGATGTGTTCTTTGTGCCATTGCTCTGGAGCAACAATTGGTT
GTGATGTGAAAACATGTCACAGGACATACCACTACCACTGTGCATTGCATGATAAAGCTCAAATACGAGA
GAAACCTTCACAAGGAATTTACATGGTCTATTGCCGAAAACACAAGAAAAGTGCACATAACTCCGAAGCT
GATTTAGAAAGAAAGTTTTAATGAACATGAACTGGAGCCCTCATCACCTAAAAGTAAAAAGAAAAGTCGCA
AAGGAAGGCCAAGAAAACTAATTTAAAGGGCTGTCAGAAGATACCAGGTCCACATCCTCCCATGGAAC
AGATGAAATGGAAAGTAGTTCTATAGAGATAGGTCTCCACACAGAAGCAGCCCTAGTGACACCAGGCCCT
AAATGTGGATTTTGCCATGTAGGGGAGGAAGAAAATGAAGCAGGAGGAAAAGTGCATATATTTAATGCCA
AGAAGGCAGCTGCCATTATAAGTGCATGTTGTTTTCTTGGCAGTCCAGCTCACAACAACATCAAG
AGCAGAAATTTGGAGACTTTGATATTAAGTGTACTTTCAGGAGATTAACGAGGAAAAAGAAATGAAATGT
ACACTTTGCAGTCAGCCTGGTGCTACTATTGGATGTGAAATAAAAGCCTGTGTTAAGACTTACCATTACC
ACTGTGGAGTACAAGACAAGCTAAATACATTGAAAATATGTCACGAGGAATTTACAAACTATACTGTAA
AAATCATAGTGGAAATGATGAGAGAGATGAAGAAGATGAGGAACGAGAGAGTAAAAGCCGAGGAAAAGTA
GAAATTGATCAGCAACAATACTCAGCAGCAACTTAATGGAAAC

ACGCGTACGCGGCCGCTCGAGCAGAAAACATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTAA



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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_001015877.2](#)

RefSeq Size: 4442 bp

RefSeq ORF: 1098 bp

Locus ID: 84295

UniProt ID: [Q8IWS0](#)

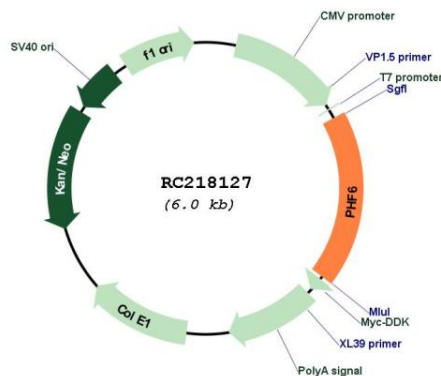
Cytogenetics: Xq26.2

Protein Families: Druggable Genome, Transcription Factors

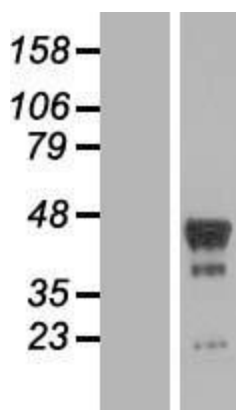
MW: 41.1 kDa

Gene Summary: This gene is a member of the plant homeodomain (PHD)-like finger (PHF) family. It encodes a protein with two PHD-type zinc finger domains, indicating a potential role in transcriptional regulation, that localizes to the nucleolus. Mutations affecting the coding region of this gene or the splicing of the transcript have been associated with Borjeson-Forssman-Lehmann syndrome (BFLS), a disorder characterized by cognitive disability, epilepsy, hypogonadism, hypometabolism, obesity, swelling of subcutaneous tissue of the face, narrow palpebral fissures, and large ears. Alternate splicing results in multiple transcript variants, encoding different isoforms. [provided by RefSeq, Jun 2010]

Product images:



Circular map for RC218127



Western blot validation of overexpression lysate (Cat# [LY410094]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with [RC223100] using transfection reagent MegaTran 2.0 (Cat# [TT210002]).