

Product datasheet for RC225205

PHR1 (PLEKHB1) (NM_001130036) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PHR1 (PLEKHB1) (NM_001130036) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	PHR1
Synonyms:	KPL1; PHR1; PHRET1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC225205 representing NM_001130036 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCCCTGGTGAGGGGCGGCTGGCTGTGGAGACAGAGCTCCATCCTCCGCCGCTGGAAGCGGAAGTGGT
TTGCCCTGTGGCTGGACGGGACCCTGGGATACTACCACGATGAGACAGCGCAGGACGAGGAGGACCGTGT
GCTCATCCACTTCAATGTCGGTACATAAAGATCGGCCAGAGTGCCATGATGTGCACCCCCAGAGGGC
CGGAGCCGAGATGGCCTGCTGACTGTGAACCTACGGGAAGGCGGCCGCTGCACCTCTGTGCGGAGACCA
AGGATGATGCCCTAGCATGGAAGACAGCACTGCTGGAGGCAAATCCACCCGGTGGCGTCTACAGCCC
GTACCAAGACTACTACGAGGTGGTGCCCCCAATGCACACGAGGCCACGTATGTCCGCAGCTACTACGGA
CCGCCCTACGCAGGCCCTGGCGTGACGCACGTGATAGTGCGGGAGGATCCCTGCTACAGCGCCGGCGCCC
CTCTGGCCATGGGCATGCTTGGGGAGCCGCACTGGGGCGGCGCTGGGCTCGCTCATGTGGTTCGCCCTG
CTGGTTC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC225205 representing NM_001130036 Red=Cloning site Green=Tags(s)
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MALVRGGWLWRQSSILRRWKRNFALWLDGTLGYHDETAQDEEDRVL IHFNVVDIKIGPECHDVQPPEG
RSRDGLLTVNLREGGRLHLCAETKDDALAWKTALLEANSTPVRVYSPYQDYEVVPPNAHEATYVRSYYG
PPYAGPGVTHVIVREDPCYSAGAPLAMGMLAGAATGAALGSLMWSPCWF

TRTRPLEQKLISEEDLAANDILDYKDDDDKV



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Chromatograms: https://cdn.origene.com/chromatograms/ja1451_b07.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001130036

ORF Size: 567 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_001130036.2](#)

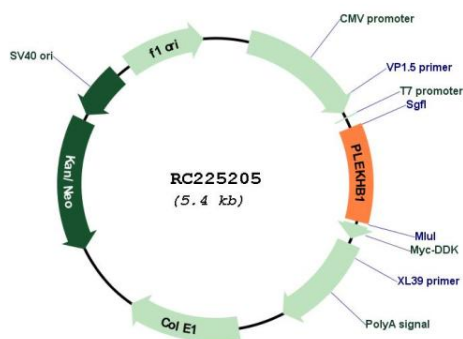
RefSeq Size: 2159 bp

RefSeq ORF: 570 bp

Locus ID: 58473

UniProt ID: [Q9UF11](#)
 Cytogenetics: 11q13.4
 MW: 21.3 kDa

Product images:



Circular map for RC225205