

Product datasheet for **RG225274**

PHR1 (PLEKHB1) (NM_001130034) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PHR1 (PLEKHB1) (NM_001130034) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	PLEKHB1
Synonyms:	KPL1; PHR1; PHRET1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG225274 representing NM_001130034 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCCCTGGTGAGGGGCGGCTGGCTGTGGAGACAGAGCTCCATCCTCCGCCGCTGGAAGCGGAAGTGGT
TTGCCCTGTGGCTGGACGGGACCCTGGGATACTACCACGATGAGACAGCGCAGGACGAGGAGGACCGTGT
GCTCATCCACTTCAATGTCGGTGACATAAAGATCGGCCAGAGTGCCATGATGTGCAGCCCCAGAGGGC
CGGAGCCGAGATGGCCTGCTGACTGTGAACCTACGGGAAGGCGGCCGCTGCACCTCTGTGCGGAGACCA
AGGATGATGCCCTAGCATGGAAGACAGCACTGCTGGAGGCAAACCCACCCGGCCCCAGCTGGAGCCAC
CGTCCCTCCCAGGAGCCGCCGGTTTGTCCAAGGTGAGGTGTGTGACCCGCTCGTGGAGCCCTGTAA
GTTGAGAGGCGGATCTGGGTGCGCTCTACAGCCGTACCAAGACTACTACGAGGTGGTGGCCCCAATG
CACACGAGGCCACGTATGTCCGAGCTACTACGGACCGCCCTACGCAGGCCCTGGCGTGACGCACGTGAT
AGTGCGGGAGGATCCCTGCTACAGCGCCGGCGCCCTCTGGCCATGGGCATGCTTGGGGAGCCGCCACT
GGGGCGGCGTGGGCTCGCTCATGTGGTCGCCCTGCTGGTTC

ACGCGTACGCGGCGGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >RG225274 representing NM_001130034
Red=Cloning site Green=Tags(s)

MALVRGGWLWRQSSILRRWKRNFALWLDGTLGYYHDETAQDEEDRVLIHFNVRDIKIGPECHDVQPPEG
 RSRDGLLTVNLREGGRLHLCAETKDDALAWKTALLEANSTPAPAGATVPPRSRRVCSKVCVTRSWSPCK
 VERRIWRVYSPYQDYEVVPPNAHEATYVRSYGGPPYAGPGVTHVIVREDPCYSAGAPLAMGLAGAAT
 GAALGSLMWSPCWF

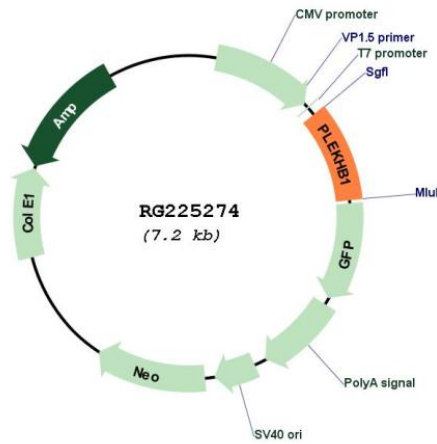
TRTRPLE - GFP Tag - V

Restriction Sites: Sgfl-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001130034

ORF Size: 672 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:	<ol style="list-style-type: none">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_001130034.2
RefSeq Size:	2132 bp
RefSeq ORF:	675 bp
Locus ID:	58473
UniProt ID:	Q9UF11
Cytogenetics:	11q13.4