

Product datasheet for **RG237534**

PHF23 (NM_001284517) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PHF23 (NM_001284517) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	PHF23
Synonyms:	hJUNE-1b
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG237534 representing NM_001284517. Blue=ORF Red=Cloning site Green=Tag(s)

```
GCTCGTTTGTAGTGAACCGTCAGAATTTGTAAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGCTGGAAGCCATGGCGGAGCCAGTCCCGAAGATCCACCTCCGACCCTTAAGCCAGAGACTCAGCCA
CCAGAGAAACGGCGGAGAACAATTGAGGATTTCAACAAATTCGCAGTTTGTGGCATATGCTGGT
TACATTCCCCTAGCAAAGAGGCCCCCGACAGTGCTACCTTGCTTGAGAAGATGAAGCTCAAGGACTCT
CTTTTGTGATCTGGATGGGCCAAAGTGGCATCTCCTTTGTCCCCACATCCCTGACACATACCTCCCG
CCCCCTGCTGCTTACCCCGTGCCCTTTCCAGGGGGACCTCTCCATCCTCCTCGAAAGAAGGAC
CGAAAGAACCAGAAAGTTGGGGCCAGGAGCTGGGCTGGCTTTGGGGTGCCTCGGAGGCCTCGGCAACT
CCTGGGGATGGGAAAAGAGATCTCGAATCAAGAAGAGCAAGAAGCGGAAGTTAAAAAGGCAGAACGG
GGGGATAGACTCCCACCTCCTGGGCTCCCCAGGCACCCCCAGTGATACAGACTCTGAAGAGGAGGAG
GAAGAGGAGGAAGAGGAAGAAGAAGAAGAGATGGCAACAGTGGTAGGGGGTGAAGCCCCAGTCCCTGTG
CTGCCAACACCCCTGAGGCTCCTAGGCCCCCTGCCACAGTGCACCCTGAAGGAGTCCCTCCTGCTGAC
AGTGAAAGCAAGGAGGTGGGCAGCACTGAAACAAGCAAGATGGAGATGCCAGTCCAGTGAAGGCGAG
ATGCGGGTCATGGACGAGGACATCATGGTAGAATCAGGTGATGACTCATGGGATCTGATCACATGTTAC
TGTCGAAAGCCCTTTGCAGGGCGGCCATGATTGAGTGCAGCCTGTGTGGGACGTGGATCCACCTCTCC
TGTGCTAAGATTAAGAAGACCAACGTCCCCGACTCTTTTATTGCCAGAAATGCAAGGAAGTGGGCCA
GAGGCCCGGGCGGTTAGGGGGCCCTCCCAAATCTGGAGAGGCC
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC
```



[View online »](#)

Protein Sequence: >Peptide sequence encoded by RG237534
 Blue=ORF Red=Cloning site Green=Tag(s)

MLEAMAEPSPEDPPPTLKPETQPPEKRRRTIEDFNKFCFVLAYAGYIPPSKEAPDSATLLEKMKLKDS
 LFDLDGPKVASPLSPTSLTHTSRPPAALTPVPLSQDL SHPPRKKDRKNRKLGPAGAGFVLRPRPT
 PGDGEKRSRIKSKKRKLKKAERGDRLPPGPPQAPSDTDEEEEEEEEEEMATVVGGEAPVPV
 LPTPEAPRPPATVHPEGVPPADSEKVEVSTETSDQDASSSEGEEMRVMDEDIMVESGDDSWDLITCY
 CRKPFAGRPMIECSLCGTWIHLSCAKIKKTNVPDFFYCQKCKELRPEARRLGGPPKSGEP
 TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGGEGTPEQGRMTNKMSTKGALTFSPYLLSHV
 MGYGFYHFGTYPSTYENPFLHAINNGGYNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPEP
 SVIFTDKIIRSNATVEHLHPMGDNDLDGSFTRTFSLRDGGYSSVVD SHMHFKSAIHPSILQNGGPMFA
 FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001284517

ORF Size: 1008 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).

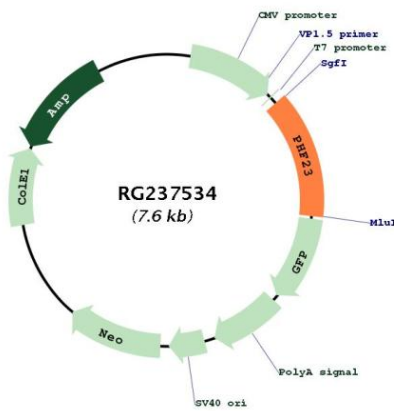
RefSeq: [NM_001284517.2](#)

RefSeq Size: 1853 bp

RefSeq ORF: 1011 bp

Locus ID: 79142
UniProt ID: [Q9BUL5](#)
Cytogenetics: 17p13.1
Protein Families: Druggable Genome, Transcription Factors
MW: 37.2 kDa
Gene Summary: Acts as a negative regulator of autophagy, through promoting ubiquitination and degradation of LRSAM1, an E3 ubiquitin ligase that promotes autophagy in response to starvation or infecting bacteria.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RG237534