

Product datasheet for **RN206546**

Phf23 (NM_001004272) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Phf23 (NM_001004272) Rat Untagged Clone
Tag: Tag Free
Symbol: Phf23
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN206546 representing NM_001004272
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCTGGAAGCCATGGCGGAGCCAGTCCCAGAACAGTCCGCTCCGACTCTTAAGCCCCGAGACTCAGCCAC
CGGAGAAGCGCGGAGAACAATTGAGGATTTCAACAAATCTGCAGTTTTGTCTTGGCCTATGCTGGTTA
CATCCCCCTAGCAAAGGGGCCCTGATAGTGTACTCTGCTTGAAGAAGTGAAGCTCAAGGACTCTCTG
TTTGATCTGGATGGGCCAAAGTGGCATCTCCACTGTCTCCACATCGTTGACCTCCCGCCTCCTGCTG
CTCTACCCCAAGTGCCTGTCCAGGGGACCTCTCCAGCCTCGAAAGAAGGACCGAAAGAATAGAAA
GTTGGGACCAGGAGGTGGGGCTGGCTTTGGGGTCTTCGGAGACCTCGCCAGCTCCTGGGGATGGGGAA
AAACGGTCTCGAATCAAGAAGAGCAAGAAGCGGAAGTTGAAAAAGCCGACCGGGGGGATAGACTCCCAC
CTCCTGGCCCTCCTAGGGCTCCTCCAGTGATACAGACTCTGAAGAGGAGGAGGAAGAGGAAGAAGAGGA
AGACGATGAGGAAGAGACGACAGTGGTGGTGGTGGTGGAGTTCCAGCCCTGTGCTCCCAACCCCCCT
GAAGCCCCAGGCCCTGTTACAGTGCACCCTGAAGGGGCTCCCCTACTGACAGTGAAGGCAAAGATG
CGGCAGCACAGAAACAAGCCAAGATGGAGATGGCAGCTCCAGTGAAGGAGAGATCGGGGTCATGGATGA
GGACATCATGGTAGAATCAGGTGATGACTCATGGATCTGATCACATGTTACTGCAGAAAGCCCTTTGCT
GGCGGCCCATGATCGAGTGCAGCCTCTGTGGGACATGGATCCACCTCTCCTGTGCTAAGATTAAGAAGA
CCAATGTTCTGACTTCTTTATTGCCAGAAATGCAAGGAACTTCGGCCAGAGGCCCGCGGTTAGGGGG
TCTTCCAAATCTGGAGAACC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI
ACCN: NM_001004272
Insert Size: 1005 bp



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OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
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_001004272.1 , NP_001004272.1
RefSeq Size:	1713 bp
RefSeq ORF:	1005 bp
Locus ID:	360550
UniProt ID:	Q6AY75
Cytogenetics:	10q24
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]