

Product datasheet for **MC218494**

Phf23 (BC033533) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Phf23 (BC033533) Mouse Untagged Clone
 Tag: Tag Free
 Symbol: Phf23
 Synonyms: JUNE-1, RP23-172M21.13
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Cell Selection: Neomycin
 Fully Sequenced ORF: >BC033533
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCGGAGCCAGTCCCGAAGATCCGCCTCCGACTCTTAAACCAGAGACTCAGCCACCGGAGAAAAGGC
 GGAGAACCATTGAGGATTTAAACAAATTCTGCAGTTTTGTCTTGGCCTATGCTGGTTACATCCCCCTAG
 CAAAGAGGCTCCTGACAGTGCTACTCTGCTTGAGAAGATGAAGCTCAAGGACTCTTTTTGATCTGGAT
 GGGCCCAAAGTGGCATCTCCACTCTCTCCACATCATTGACGCATACCTCCGGCCCCCGCTGCTCTCG
 CCCCAGTGCCCGCTGTCCAGGGGACCTCTCCAGCCTCGAAAAGAAGGACCGAAAAGAATAGAAAAGTTGGG
 ACCAGGAGGTGGGGCTGGCTTTGGGGTGCCTCGGAGACCTCGACCAGCTCCTGGGGATGGGAAAAGCGG
 TCTCGAATCAAGAAGAGCAAGAAGCGGAAGTTGAAAAGGCAGATCGGGGAGATAGACTCCCACCTCCTG
 GCCCTCTAGGGCTCCTCCAGTGATACAGACTCTGAAGAGGAGGAGGAAGGAAGAAGAGGAAGATGA
 TGAGGAAGAGATGACAGTGGGGGTGGAGTCCCAGCCCCGTGCTCCCAACCCCCCTGAGGCCCCAGG
 CCCCCTGTTACAGTGCCTCTGAAGGTGCTCCCCCTACTGACAGTGAAGGCAAAGATGTGGGCAGCACAG
 AAACAAGCCAAGATGGAGATGCTAGCTCCAGTGAAGGCGAGATGCGGGTATGGATGAGGACATCATGGT
 AGAATCAGGTGACGACTCCTGGGATCTGATCACGTGTTACTGCAGAAAGCCCTTTGCGGGGCGGCCATG
 ATTGAGTGCAGCCTCTGTGGGACGTGGATCCACCTCTCCTGTGCTAAGATTAAGAAGACCAACGTTCCCG
 ACTTCTTTTATTGCCAGAAATGCAAGGAACTTCGGCCAGAGGCCCGCGGTTAGGGGTCTCCCCAATC
 TGGAGAACCCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCTGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
 ACCN: BC033533



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Insert Size:	993 bp
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:	BC033533 , AAH33533
RefSeq Size:	1728 bp
RefSeq ORF:	992 bp
Locus ID:	78246
Cytogenetics:	11
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]