

Product datasheet for **MC219765**

Hipk4 (NM_001033315) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Hipk4 (NM_001033315) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Hipk4
Synonyms:	Gm162
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC219765 representing NM_001033315
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCCACCATCCAGTCAGAGACTGACTGCTACGACATCATTGAAGTTCTGGCAAGGGCACTTTTGGAG
 AGGTGGCCAAGGGCTGGCGTCGGAGTACAGGTGAAATGGTGGCCATCAAGATCCTGAAGAACGATGCGTA
 CCGAAGCCGCATCATCAAGAATGAGCTGAAGCTGCTGCGCTGCGTGCGAGGCCTGGACCCTGACGAGGCC
 CACGTTATCCGCTTCTTGAGTTCTCCACGATGCCCTCAAGTTCTACCTGGTCTTCGAGCTTTTGGAGC
 AAAACCTCTTTGAGTTCCAGAAAGAGAACAACCTTCGCACCCCTTCTGCCAGGCACATCCGACGGTCAC
 ACTGCAGTACTAAGAGCGCTGGCCCGCTCAAGGAAGTGGCCATCATCCACGCTGACCTCAAGCCTGAA
 AACATTATGTTGGTAGACCAGACGCGCTGCCCTTCAGGGTCAAGGTGATCGACTTTGGCTCGGCCAGCA
 TATTCAGTGAGGTACGCTATGTGAAGGAGCCTTACATCCAGTCCCCTTCTACAGGGCCCCAGAGATCCT
 GCTGGGGCTGCCCTTCTGTGAGAAGGTGGACGTGTGGTCTCTGGGCTGTGTCATGGCCGAGCTACATCTG
 GGCTGGCCTCTCTACCCAGGCAACAATGAGTATGACCAGGTGCGTACATCTGTGAGACCCAGGGCTTAC
 CCAAGCCCCATTTGCTGCATGCGGCTCGCAAGGCTCACCATTCTTCAAGCGTAACCCCCACCCCGATGC
 CACCAACCCCTGGCAGCTGAAGTCTCTGCTGACTACCTAGCTGAGACCAAGGTACGTCCTCTGGAGCGC
 CGCAAGTACATGCTCAAACTCTTGGACCAGATTGAGACAGTGAATGGTGGTGGAGCTGTGAGCCGGCTGA
 GTTTTCCAGACCCGGGAGGCCCTGGCGGAACACGCAGACCTCAAGAGCATGGTGGAGCTGATCAAACGCAT
 GCTGACATGGGAGTCGCACGAACGCATCAGTCCAGTGGCCCTGCGTCAACCCCTTCGTGTCCATGCAG
 CAGCTCGGAGTGCCACGAGGCCACCCGCTACTACCAGCTGTGCTCAGAGGCTGTGCGCTGTCCCTGC
 AGGTGGATGGCAAGCCACCCCACTGTATAGCCAGCGCAGAGGACGGGCTCCCTACTACCCCTGGC
 TGAGGAGGAGGAGACTGCAGGCCTGGGTGGTGTGACAGGCAGTGGGTCTTCTTCAAGGAGGACAAGGCT
 CCGGGAATGCAGAGGGCCATCGACCAGCTCGATGACCTGAGTCTGCAAGAGGCCAGACGGGGCTGTGGA
 GCGACACACGGGCCGACATGGTCTCTGACATGCTGGTTCCTCAAAAGTGGCCAGTACCAGCCACCGAGT
 CCCTGACTCAGGCCAGAGCCTATCCTGGCCTTCTACGGCAGCCGATTGACCGGCCGCCATAAGGCCCGC
 AAGGCCCCAGCAGGCTCCAAATCTGACTCCAATTCAGTAACCTCATTGCGCTGAGCCAGGCTCACCTG
 AGGATGCCGGGCCCTGTGCGGGCAGTGGCTGGGAGGAAGGAGAAGGCCGACGACCTCCACAGAGCCGTC
 TGTCATCCACAACGGGAAGGAGATGGGCTGGCATCAAAGACAGGCCCATGGATGCCGAGAGGCCAGGC
 CCTGAGCTCTTTGATCCCAGCAGCTGTCTGGAGAGTGGCTGAGTGAGCCAGAATGGACCCTAGAGGGCA
 TCCGGGGTCTCGAGCTCAAGGGCTCCCAGCTCACCATCCCCACCCACGGGCCACCCAGGACCACCAG
 CTTTCTGCAGCATGTTGGAGGGCACCACTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI

ACCN: NM_001033315

Insert Size: 1851 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:

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_001033315.2](#), [NP_001028487.2](#)

RefSeq Size: 2415 bp

RefSeq ORF: 1851 bp

Locus ID: 233020

UniProt ID: [Q3V016](#)

Cytogenetics: 7 A3

Gene Summary: Protein kinase that phosphorylates murine TP53 at Ser-9, and thus induces TP53 repression of BIRC5 promoter. May act as a corepressor of transcription factors (Potential).
[UniProtKB/Swiss-Prot Function]