

Product datasheet for **RN210008**

Hipk4 (NM_001024776) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Hipk4 (NM_001024776) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Hipk4
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN210008 representing NM_001024776
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCCACCATCCAGTCAGAGACTGACTGTTACGACATCATTGAAGTCCTGGCAAGGGCACTTTTGGAG
 AGGTGGCCAAGGGCTGGCGTCGGAGTACAGGAGAAATGGTGGCCATCAAGATCTTGAAGAACGACGCGTA
 CCGAAGCCGTATCATCAAGAATGAGTTGAAGCTGCTGCGCTGTGTACGAGGCCTGGACCCGACGAGGCC
 CACGTCATCCGCTTCTTGAATTCTTCCATGATGCCCTCAAGTCTACCTGGTCTTTGAGCTATTGGAGC
 AAAACCTCTTTGAGTTCCAGAAAAGAAACAACCTTCGCACCCCTCCCTGCCAGGCACATCCGAAGTGTAC
 ACTGCAGGTCCTAAGAGCGCTGGCCCGGCTCAAGGAGTTGGCTATCATCCATGCTGACCTCAAGCCAGAA
 AACATTATGTTGGTAGATCAGACCCGCTGCCCTTCAGGGTAAAGGTGATCGACTTTGGCTCGGCCAGCA
 TATTCAGTGAGGTGCGCTATGTGAAGGAGCCTTACATCCAGTCCCGCTTCTACAGGGCCCCAGAGATCCT
 GTTGGGGTTGCCGTTCTGCGAGAAGGTGGAGCTGTGGTCTCTGGGCTGTGTCATGGCTGAGTTACACCTG
 GGCTGGCTCTCTACCCAGGCAACAATGAGTATGACCAGGTGCGCTACATCTGTGAGACCCAGGGCTTAC
 CCAAGCCCCATCTGCTGCATGCGGCCCGCAAGGCTCACCACTTCTTCAAGCGTAACCCCCACCCCGATGC
 CACCAACCCCTGGCAGCTCAAGTCTCTGCTGACTACCTAGCTGAGACCAAGGTACGCCACTGGAGCGC
 CGCAAGTACATGCTCAAATCCTTGGACCAAATTGAGACGGTGAATGGTGGCGGCGCTGTGAATCGGTTGA
 GTTTCCAGACCGGGAGGCACTGGCGGAACACGCGGACCTCAAGAGCATGGTGGAGCTGATCAAACGCAT
 GCTGACATGGGAGTCTCACGAGCGCATCAGTCCAGCGCGGCCCTGCCACCCCTTCGTGTCCATGCAG
 CAGTGGCGTAGTGCCACGAGGCCACCCGCTACTACCAGCTGTCCCTCCGAGGCTGTGCGCTGTCCCTGC
 AGGTGGACGGCAAGCCACCCCACTGTATAGCCAACGACAGAGGACGGGCTCCCTACTACCGCTGGC
 TGAGGAGGAGGAGACTGCAGGCCCTGGTGGTGTGACCGGCAAGTGGTCTTCTCAGGGAGGACAAGGCT
 CCCGGAATGCAGAGAGCCATCGACCAGCTCGATGACCTGAGTCTGCAGGAGGCCCGCCGGGGGCTGTGGA
 GCGACACGCGGGCCGACATGGTCTCTGACATGCTGGCTCCACTCAAAGTAGCCACTACCAGCCATCGAGT
 CCCCAGCTCGGGCCCGGAGCCTATCCTGGCCTTCTACGGCAGCCGCTTGACTGGCCGCCATAAGGCCCGC
 AAGGCCCCAGCAGGCTCCAAATCCGACTCCAATTCAGTAACCTCATCCGGCTGAGCCAGGCCTCACCTG
 AGGATGCGGGGTCTGTAGGGCAGTGGTTGGGAAGAAGGAGAAGGCCACACGACTTCCACAGAGCCGTC
 TGCCATCCACAACGGGAAGGAGATGGACCCAGCATCAAAGACAGGCCCATGGATGCTGAGAGGTCAGGC
 CCTGAGCTCTTTGATCCAGCGGCTGTCTGGAGAGTGGCTAAATGAACCAGAATGGACCCTAGAGGGCA
 TCCGGGGTCTCGAGCTCAAGGGCTTCCAGCTGCCATCCCCACCCACACGGGCCCGCCAGGACCACCAG
 CTTTCTGCAGCATGTTGGAGGGCACC**ACTGA**

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-RsrII
- ACCN:** NM_001024776
- 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_001024776.1](#), [NP_001019947.1](#)

RefSeq Size: 2424 bp

RefSeq ORF: 1851 bp

Locus ID: 308449

UniProt ID: [Q4V793](#)

Cytogenetics: 1q21

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