

Product datasheet for SC319025

HIPK2 (NM_001113239) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	HIPK2 (NM_001113239) Human Untagged Clone
Tag:	Tag Free
Symbol:	HIPK2
Synonyms:	PRO0593
Vector:	<u>pCMV6 series</u>
Fully Sequenced ORF:	>NCBI ORF sequence for NM_001113239, the custom clone sequence may differ by one or more nucleotides

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ATGGCCCCGTGTACGAAGGTATGGCCTCACATGTGCAAGTTTTCTCCCCTCACACCCTT
CAATCAAGTGCCTTCTGTAGTGTGAAGAACTGAAAATAGAGCCGAGTTCCAAGTGGGAC
ATGACTGGGTACGGCTCCACAGCAAAGTGTATAGCCAGAGCAAGAACATCCCCCTGTGC
CAGCCAGCCACCACAACCGTCAGCACCTCCTTGCCGGTCCCAAACCCAAGCCTACCTTAC
GAGCAGACCATCGTCTTCCAGGAAGCACCCGGGCACATCGTGGTCACCTCAGCAAGCAGC
ACTTCTGTACCAGGCAAGTCTCGGCGGACCACACAACCTAATGCGTCAAGCAACTGTG
AGCCTCCTTGATACCTACAAAAATGTGGACTCAAGCGTAAGAGCGAGGAGATCGAGAAC
ACAAGCAGCGTGCAGATCATCGAGGAGCATCCACCCATGATTCAGAATAATGCAAGCGGG
GCCACTGTCGCCACTGCCACCACGTCTACTGCCACCTCCAAAAACAGCGGCTCCAACAGC
GAGGGCGACTATCAGCTGGTGCAGCATGAGGTGCTGTGCTCCATGACCAACACCTACGAG
GTCTTAGAGTTCTTGGGCCGAGGGACGTTTGGGCAAGTGGTCAAGTGTGGAAACGGGGC
ACCAATGAGATCGTAGCCATCAAGATCCTGAAGAACCCCATCCTATGCCCGACAAGGT
CAGATTGAAGTGAATCCTGGCCCGTTGAGCACGGAGAGTGCCGATGACTATAACTTC
GTCCGGCCCTACGAATGCTTCCAGCACAAGAACCACACGTGCTTGGTCTTCGAGATGTTG
GAGCAGAACCTCTATGACTTTCTGAAGCAAAACAAGTTTAGCCCTTGCCCTCAAATAC
ATTCGCCAGTTCTCCAGCAGGTAGCCACAGCCCTGATGAAACTCAAAGCCTAGGTCTT
ATCCACGCTGACCTCAAACCAGAAAACATCATGCTGGTGGATCCATCTAGACAACCATA
AGAGTCAAGGTATCGACTTTGGTTCAGCCAGCCACGTGTCCAAGGCTGTGTGCTCCACC
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GCAATTGACATGTGGTCCCTGGGCTGTGTTATTGCAGAATTGTTCTGGGTTGGCCGTTA
TATCCAGGAGCTTCGGAGTATGATCAGATTCGGTATATTTCAAAACACAGGGTTTGCCT
GCTGAATATTTAAGCGCCGGGACAAAGACAACCTAGGTTTTTCAACCGTGACACGGAC
TCACCATATCCTTTGTGGAGACTGAAGACACCAGATGACCATGAAGCAGAGACAGGGATT
AAGTCAAAAGAAGCAAGAAGTACATTTTCAACTGTTTAGATGATATGGCCAGGTGAAC
ATGACGACAGATTTGGAAGGGAGCGACATGTTGGTAGAAAAGGCTGACCGCGGGAGTTC
ATTGACCTGTTGAAGAAGATGCTGACCATGATGCTGACAAGAGAATCACTCCAATCGAA
ACCCTGAACCATCCCTTTGTCACCATGACACACTTACTCGATTTTCCCCACAGCACAC
GTCAAATCATGTTCCAGAACATGGAGATCTGCAAGCGTGGGTGAATATGTATGACACG
GTGAACCAGAGCAAAACCCCTTTCATCACGCACGTGGCCCCCAGCACGTCCACCAACCTG

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ACCATGACCTTTAACAAACCAGCTGACCACTGTCCACAACCAGCCCTCAGCGGCATCCATG
GCTGCAGTGGCCAGCGGAGCATGCCCTGCAGACAGGAACAGCCAGATTTGTGCCCGG
CCTGACCCGTTCCAGCAAGCTCTCATCGTGTGTCCCCCGGTTCCAAGGCTTGCAAGGC
TCTCCCTTAAGCAGCTGGCTACTCGGTGCGAATGGAATGCAGTTCCCATCGTCACT
CAAGCCCCAGGAGCTCAGCCTCTCAGATCCAACCAGGTCTGCTTGCCCAGCAGGCTTG
CCAAGTGGGACCCAGCAGATCCTGCTTCCCCAGCATGGCAGCAACTGACTGGAGTGGCC
ACCCACACATCAGTGCAGCATGCCACCGTGATTCGAGACCATGGCAGGCACCCAGCAG
CTGGCGGACTGGAGAAATACGCATGCTCAGGAAAGCCATTATAATCCCATCATGCAGCAG
CCTGCACTATTGACCGGTGATGTGACCCTTCCAGCAGCACAGCCCTTAAATGTGGGTGTG
GCCACGTGATGCGGCAGCAGCCAACCAGCACCTCCTCCCGAAGAGTAAGCAGCAC
CAGTCATCTGTGAGAAATGTCTCCACCTGTGAGGTGTCTCCTCTCAGGCCATCAGCTCC
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AGCCCGGCTGCAGCACCTCGGTACCTGTGGTGGGGCAGCTGGCCTCCAGCACACC
CGGAACGGCAGCGGCAGACAATTGTCATTCCCGACACTCCAGCCCCACGGTCAGCGTC
ATCACCATCAGCAGTGACACGGACGAGGAGGAGGAACAGAAACAGCCCCACCAGCACT
GTCTCAAAGCAAAGAAAAACGTATCAGCTGTGTACAGTCCAGACTCCCCCTACTCC
GACTCCTCCAGCAACACCAGCCCTACTCCGTGCAGCAGCGTGTGGGCAACAATGCC
AATGCCTTTGACACCAAGGGGAGCCTGGAGAATCACTGCACGGGAACCCCCGAACCATC
ATCGTGCCACCCCTGAAAACCCAGGCCAGCGAAGTATTGGTGGAGTGTGATAGCCTGGTG
CCAGTCAACACCAGTCAACTCGTCTCCTACAAGTCCAAGTCTCCAGCAACGTGACC
TCCACCAGCGTCACTCTCAGGAGCTCATCTGGAGCCATCACCTACCGGCAGCAGCGG
CCGGGCCCCCACTTCCAGCAGCAGCAGCCACTCAATCTCAGCCAGGCTCAGCAGCACATC
ACCACGGACCGCACTGGGAGCCACCGAAGGCAGCAGGCTACATCACTCCACCATGGCC
CAGGCTCCGTACTCCTTCCCGCACAAACAGCCCCAGCCACGGCACTGTGCACCCGCATCTG
GCTGCAGCCGCTGCCGCTGCCACCTCCCCACCCAGCCCCACCTTACACCTACACTGCG
CCGGCGGCCCTGGGCTCCACCGCACCGTGGCCACCTGGTGGCCTCGCAAGGCTCTGCG
CGCCACACCGTGCAGCACACTGCCTACCCAGCCAGCATCGTCCACCAGGTCCCCGTGAGC
ATGGGCCCCCGGTCCTGCCCTCGCCCACCATCCACCCGAGTCAGTATCCAGCCCAATTT
GCCACCAGACCTACATCAGCGCTCGCCAGCCTCCACCGTCTACACTGGATACCCACTG
AGCCCCGCAAGGTCAACCAGTACCCTTACATA
    
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- Restriction Sites:** Please inquire
- ACCN:** NM_001113239
- Insert Size:** 15164 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).
- OTI Annotation:** This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
- 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_001113239.1](#), [NP_001106710.1](#)

RefSeq Size: 15164 bp

RefSeq ORF: 3516 bp

Locus ID: 28996

UniProt ID: [Q9H2X6](#)

Cytogenetics: 7q34

Protein Families: Druggable Genome, Protein Kinase, Transcription Factors

Gene Summary: This gene encodes a conserved serine/threonine kinase that is a member of the homeodomain-interacting protein kinase family. The encoded protein interacts with homeodomain transcription factors and many other transcription factors such as p53, and can function as both a corepressor and a coactivator depending on the transcription factor and its subcellular localization. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Nov 2011]
Transcript Variant: This variant (2) lacks an internal segment in the CDS, as compared to variant 1. The resulting isoform (2) is shorter, as compared to isoform 1. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.