

## Product datasheet for **SC210209**

### **HIPK3 (NM\_005734) Human 3' UTR Clone**

#### **Product data:**

Product Type:	3' UTR Clones
Product Name:	HIPK3 (NM_005734) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	HIPK3
Synonyms:	DYRK6; FIST3; PKY; YAK1
ACCN:	NM_005734
Insert Size:	2000 bp



[View online »](#)

**Insert Sequence:**

>SC210209 3'UTR clone of NM\_005734

The sequence shown below is from the reference sequence of NM\_005734. The complete sequence of this clone may contain minor differences, such as SNPs.

Blue=Stop Codon Red=Cloning site

```

GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
ACAAAACCTCAGCCAGTATCCATATATGTGAAAAACAGTATATTGGGGAAGCTCAATGATACAACATTT
GATTAATAAATAAAACATGGTATTTAATATTAGCCATGGCACAAGAAAATTATTTTTGAATCATGTAGA
CTTGGGTGCAATTTAAACAACCTTTGAGCTTTAAAAACTCACTTTTGATGTGTTTTGCACATTTGGTATA
ACTTGTCTTTGGTCATGTATCTTCTTATGTAGTAACTCTAGACAGGTGACTTATGGGAGCAGAAGTCC
AGTTTTGCTCCTGCTATTTTTATAAATGCCTTCTAACTAGTGAAGACACGTCTACATTTGGGAAGC
CATTCTGTGTACAGACTTAGAGCAACAGATGCACATATGCAGAATTACAGCATAACAAGTGAATTGTAT
TATCCGTGCTTAGTGTATAAATGTTGGGTCACCTACCTAAGAAATTGAGCTATTGTTCTTTACATTTG
CATGTGCTTTTTGCATGGGCAAAATGTTGCCTAGACTTTGCTCTTAAATGTTGTTCTAATAATCTCAGC
TGCATTGTAAACCGTTCCCTACACATAGTGCCTTAAATATTTGAGGTTGTTAATGTTATTACCTATATAT
AAATGTTGAGGACTGCAGCACTTAAATTCAGACCTACTATTTAGTTTCTTTTGATAGCGTAATGTTT
ATTTTTGTTTTGTGTGGTATGATTTTCAGGTAGTAGCTGTTTTTTTCTTATTAAGAGGGCAGCATGTT
TGCTATAGCTGAATTCGCTGTCTGATTTTTTTCAGAAATGATCTAGCTTCAAGAAAAGCAAGCAGTTAGTA
GTGCTTAAGAAAAATTGATTCAGTATCTAATGGATAGTTGATAACTGTACAGCAGCAGCATTTTATATA
CTGTTAAGTGAAGTGAATACAATCAATCAAGTTTATTTTGAGAGTGTGTTGCTGTATAATTGGACTTAATA
AAATGTTTAGAGGTACAGTAGGCATGACTTTGGGTAGATAATAAAATGCAAAATGCTCATTGATTCATG
ATGTGTTTTTATCTTAGCTTTGGGCAAAACCATGCAGTATTTAATAAATAGTACAGAACTTTTACTATTG
AAGCTTGAAAAGATGTGAGTTCTTTGTGTGCAATTTTTGATTTATGCATGTGAGAGGGTTTTTTTTTTT
TTTTAAGTATTTTTACATTGCAGTACTTGTGTTGCTTGTGGTGATGTTGCTTATTTAATACATTCCGT
CAGGGACAGAAATTACATGCTTTTTTTTCTTCTAGGAAGTGTGTTGAGTTCCCCCTTCCCCGACATT
TTTTTCTTTTTGGGTGGTGGTATGTTAGTGGTATGTCTGTTTAAATGAAGTTGCTTTTACAGCACC
AAAGACTTAATCATCCATTTCTATATAAAGGTAGCTACTTTTTGCATAGACCTCAAGTATATTGTAGT
GTAAGGTGGAATTTAAGGAAAGGTATTAATTTAGGCTGTGTTTTAGCTTACAGGCAAGTAATAAATT
GTATCATTATCTGAATGTATCATAGATAAGCTGCTATATAACGATTGCCACTTCAGATAGCTGTGAA
ATTAGGTGATTAAGTGTATTTAGCCTTCTAATTTCTGTATAAGTCTAATTACATGAATAGAAT
TGGGGTTTTGATTTTTACTTTGCTTTTCTGTTGGAGTGTCAATGTAAGTACTGTATTGTAATGGTG
GAAAATAATTGCATTTGTTACTTTGGGGTGTGTTATTTGCATCAGTATTTTATCTCTATTAATGTTTGT
GCTCATCACTGCATATTAAAAAACTTTGGATGTATCAGTGTAACTTAATTTTTTATTTTCACTGGCA
TTGTAGACACTTGAGAAAGCTGTATCTTGACGGCTTGACTTAACTTTTTTCTTAAAAATCTGGAATAT
AATCTTACAGCATTTACTGGAATAAACAGTACAAAGCATTGGAGTGTAAACTCTAGATGTTTTGGAT
ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCACCCGCCCTTCTATGAAAGG
    
```

**Restriction Sites:**

SgfI-MluI

**OTI Disclaimer:**

Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).

**Components:**

The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

**RefSeq:**

[NM\\_005734.5](#)

**Summary:** Serine/threonine-protein kinase involved in transcription regulation, apoptosis and steroidogenic gene expression. Phosphorylates JUN and RUNX2. Seems to negatively regulate apoptosis by promoting FADD phosphorylation. Enhances androgen receptor-mediated transcription. May act as a transcriptional corepressor for NK homeodomain transcription factors. The phosphorylation of NR5A1 activates SF1 leading to increased steroidogenic gene expression upon cAMP signaling pathway stimulation. In osteoblasts, supports transcription activation: phosphorylates RUNX2 that synergizes with SPEN/MINT to enhance FGFR2-mediated activation of the osteocalcin FGF-responsive element (OCFRE).[UniProtKB/Swiss-Prot Function]

**Locus ID:** 10114

**MW:** 78.5