

Product datasheet for **RN207490**

Hk3 (NM_022179) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Hk3 (NM_022179) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Hk3
Synonyms:	RNU73859
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN207490 representing NM_022179
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGCCGCCATTGAGCCTTCTGGTCTGCACCCGGGAGAAAGAGACTCAAGCTGCCCCAGGAGGGCATT
 CAAGGCCCTCAGGTAGCTTAGAACTGGCACAGGAATACTTGCAACAATTC AAGGTGACCATGACACAGCT
 GCAGCAGATCCAAGCCAGTCTTCTGTGTTCATGGAGCAGGCGCTGAAGGGACAGGACAGTCCCGCTCT
 TCTGTCCGGATGTTGCCACATACGTGAGGTCCACACCACATGGCACCGAGCAAGGAGACTTCTGGTGC
 TGGAGCTGGGGCCACAGGAGCCTCACTACGTGTGTTGGTAACTGACGGGCACCAAGGAACACAG
 CGTGGAGACCAGGAGCCAGGAGTTGTGATCCCTCAAGAGGTGATCCTAGGTGCTGGCCAGCAGCTTT
 GACTTTGCTGCCCGCTGCCTCTGAATTCCTGGATGCATACCCCGTGGAGAATCAGGGTCTGAAGCTTG
 GGTTAATTTCTTTTCTTGTACCAGACAGGCTTGGACAAGAGCACCCCTATTTCTGGACAAAAGG
 TTTTAGGTGCAGTGGTGTGAAGGCCAGGATGTGGTCCAGTTGCTAAGGGATGCCATTAGAGGCAGGGG
 ACCTACAATATTGATGTGGTAGCCATGGTGAATGACACAGTGGGTACCATGATGGGCTGTGAGCTGGGCA
 CCAGGCCATGTGAAGTCGGGCTTATTGTAGACACTGGTACCAATGCCTGTTATATGGAGGAAGCGAGGCA
 CGTGGCAGCTCTGGATGAGGACCGCGCCGTACCTGTGTGAGCATCGAGTGGGGCTCCTTCTATGACGAA
 GAGGCCCTAGGGCCAGTACTGACCACCTTCGACGATGCCCTGGACCACGAGTCCCTGGTTCTGGTGTCT
 AGAGGTTTGAGAAGATGATTGGTGGCCTTACTTGGGTGAGCTGGTAAGGCTGGTGTGGTCCACTTGT
 CCAGCATGGGGTCTCTTTGGTGGCTGCGCCTCTCTCGTGTGCTGAGTCAAAACAGCATCCTCTGGAA
 CATGTGGCCAAAATGGAGGACCTGCCACTGGGATAGCCACGTCACACAGTCTGCAGGGCTTGGGT
 TGAGCCCTCAGGCCTCAGATGCTGAGCTCGTGACGCGGTGTGCATGGCTGTGTGCACGCGAGCTGCCA
 GCTCTGTGCCTCTGCCCTGGCTGCAGTCTATCCCGCCTCCAGCACAGCAGGGAGCAGCAGACTGCAC
 GTGGCCGTGGCCACTGGAGGGCAGTGTTCGAATGGCACCCAGGTTCTCTGCATCCTAAAGGAGACGG
 TAATGCTCTTGGCCCCAGAGTGTGATGTCTCTTATCCCTCTGTGGATGGTGGTGGCCGGGTGTGGC
 AATGGTACTGCTGTGGCAGCCCGCTGGCTACCCACAGGCGCATCCTGGAAGAGACCCTGGCACCATT
 CAGCTGAGCTTGGAGCAGCTGACAGCGGTGCAGGCACAAATGCGGGAAGCCATGATCAGGGGGCTTCAAG
 GAGAGAGCTCCTCCCTCCGATGCTGCCACTTACGTCCGAGCAACGCCCGATGGCAGCGAACGAGGTGA
 CTTCTGGCTTTGGACCTAGGGGCACCAACTCCGTGTCTGTTGGTACGCGTGGCCGAGGGCAGTGT
 CAGATACCAACCAGGTCTACTCTATTCCTGAGTATGTAGCCAGGGCTCTGGACAGAAGCTCTTTGATC
 ATATTGTGGACTGCATCGTGGACTTCCAGAAGAGGCAAGGCCTTAGCGGACAGAGCCTACCCCTGGGTT
 CACCTTCTTTTTCTTGAAGCAGCTTGGCCTGGACCAGGGCATCCTCCTCAACTGGACTAAGGGGTT
 AATGCATCAGGCTGCGAGGGCCAAGATGTTGTGATTTTATTACGGGAAGCCATTAGGCGCAGACAGGCAG
 TGGAGCTGAATGTGGTTGCCATTGTCAATGACACGGTGGGGACCATGATGTCTGTGGCTATGATGATCC
 CTGTTGTGAGATGGGCCCTATTGTGGAACCGGTACCAACGCCTGCTATATGGAAGAACTCCGGAATGT
 GCGAGTGTGCCCGGGACTCAGGCCACATGTGTATCAACATGGAGTGGGTGCCTTTGGGGATGACGGCT
 CACTGAGCATGCTCGGCACCTGCTTTGATGCTAGCGTGGACCAGGCATCCATCAACCCAGGCAACAGAG
 GTTTGAGAAAAATGATCAGCGGAATGTACCTGGGGGAGATCGTCCGCCATATCCTCTGCACCTAACCAGT
 CTTGGAGTTCTTCCGGGGCCAGAAGACGCAATGCCTTCAGACCAGGGACATTTTAAGACCAAGTTTC
 TCTCCGAGATTGAGAGCGACAGCCTGGCCCTGCGTCAGGTCCGAGCCATCCTGGAGGACCTGGGGCTGAC
 TCTGACGTCTGATGATGCCTTGTGCTAGAGGTGTGCCAGGCTGTGTCCCGCAGGGCCGCCAACTC
 TGCGGGGCAGGTGTGGCTGCAGTGGTGGAAAAGATACGGGAGAACCGGGCCTGCAGGAGCTGACAGTGT
 CTGTGGGAGTGGATGGGACGCTCTACAAGCTACATCCCACTTCTCCAGGCTGGTGTGAGTACAGTTCC
 GAAGCTAGCCCTCAGTGCACAGTACCTTTTGAATCGGAGGATGGGTCTGGGAAAGGGGCAGCGTTG
 GTCACCTGTGCTTGGCCCTGACCCAGATGGCCTGCGTT**TGA**

AG**CGGACCG**ACGCGTACGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-RsrII

ACCN:	NM_022179
Insert Size:	2775 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:	NM_022179.2 , NP_071515.1
RefSeq Size:	3027 bp
RefSeq ORF:	2775 bp
Locus ID:	25060
UniProt ID:	P27926
Cytogenetics:	17p14
Gene Summary:	ATP:D-hexose 6-phosphotransferase type III isozyme; member of a family of hexokinase isozymes [RGD, Feb 2006]