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Product datasheet for SC105852

HKR1 (BC010024) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	HKR1 (BC010024) Human Untagged Clone
Tag:	Tag Free
Symbol:	HKR1
Synonyms:	ZNF875
Mammalian Cell Selection:	None
Vector:	pCMV6-XL5
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for BC010024, the custom clone sequence may differ by one or more nucleotides

GTCTTTCCCACACCTCTGCACCTTGTTACCTGACTTTCGGCTTCAGGATCCGCAGCGTGCACCCGCGTTC
CATCTGTCTTCTGAGACTTTGCCCTTCTCCAGGAAGAGCACTCAGGAGACCAGGAAAATGGCCACAGGGC
TCCTGAGAGCCAAAAAAGAGGCGTTCGTGGCATTCAGGGATGTGGCTGTGTACTTCACCCAGGAGGAGTG
GAGGTTGTTGAGCCCTGCTCAGAGGACCCTGCACAGGGAGGTGATGCTGGAGACTTATAACCATCTGGTC
TCACTGGAAATTCCATCTTCTAAACCAAAACTCATTGCTCAGCTGGAGCGAGGGGAAGCGCCCTGGAGAG
AGGAGAGAAAATGTCCACTGGACCTCTGTCCAGATGGAGCCTTGCTCTGTTGCCAGGCTGGAATACAGTG
GTGTTATATCGGCTCACTGCAACCTCTGCCTCCTGGGTTCAAGCAATTCCCCTGCCTCAGCCTCCTGAGT
AGCTGGGACTACAGGTGCACACCACCACACCTGGCTAATTTTTTGTATTTTAGTAGAGACGGGGTTTCAC
CATGTTGGCCAGGATGGTCTCAATCTCCTGACCTTGTGATCCACCCGCCTCAGCCTCCCAAAGTGCTGGG
ATTACAGGCATGAGCCACCATGCCTGGCCCTTTTCATTGTTTATTAACCATTTGCATATCTTTTTTAGTA
AAATGCCTATTCAATTCTTTTCTTTATTTTAAAAAAAAAAAAAAAAAAAAAA

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5' Read Nucleotide Sequence:

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>OriGene 5' read for BC010024 unedited
TTTTGTAATACGACTCACTATAGGGCGGCCGCGAATTCGGCACGAGGCCCGGGAAGGCCT
CCCTCTTAAGGTCTTTCCCACACCTCTGCACCTTGTTACCTGACTTTCGGCTTCAGGATC
CGCAGCGTGCACCCGCGTTCCATCTGTCTTCTGAGACTTTGCCCTTCTCCAGGAAGAGCA
CTCAGGAGACCAGGAAAATGGCCACAGGGCTCCTGAGAGCCAAAAAAGAGGCGTTCGTGG
CATTCAGGGATGTGGCTGTGTACTTCACCCAGGAGGAGTGGAGGTTGTTGAGCCCTGCTC
AGAGGACCCTGCACAGGGAGGTGATGCTGGAGACTTATAACCATCTGGTCTCACTGGAAA
TTCCATCTTCTAAACCAAAACTCATTGCTCAGCTGGAGCGAGGGGAAGCGCCCTGGAGAG
AGGAGAGAAAATGTCCACTGGACCTCTGTCCAGCAGAATCGAAGCCAGAAATTCAACTTA
GTCCCTCCTGCCCTCTGATTTTCTCCAGTCAGCAAGCTCTCAGCCAACATGTGTGGCTGA
GTCATCTCTCTCAGCTGTTTTCAAGTTTATGGGCAGGAAATCCTCTCCACCTGGGAAAAC
ACTATCCAGAAGATCAGAAACAACAGCAGGATCCATTCTGCTTTAGTGGCAAAGCAGAAT
GGATTCAAGAGGGAGAAGACTCCAGACTCCTGTTTGGGAGAGTAAGCAAAAATGGCACTT
CAAAGGCACTTTCCAGCCCACCTGAAGAACAACAGCCAGCACAGTCCAAGGAAGACAACA
CAGTGGTGGATATAGGGTCCAGCCCTGAACGGNAGGCAGATCTAGAGGAAACAGACANAG
TATTGCATGGTTTANAAGTCTCAGGATTTGGAGAAATCAATT
```

Restriction Sites: NotI-NotI

ACCN: BC010024

Insert Size: 2880 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: BC010024.1

RefSeq Size: 761 bp

RefSeq ORF: 468 bp

Locus ID: 284459

Cytogenetics: 19q13.12

Domains: KRAB

Protein Families: Druggable Genome, Transcription Factors

Gene Summary: May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]

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