

Product datasheet for SC102990

HKR1 (AK056243) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	HKR1 (AK056243) Human Untagged Clone
Tag:	Tag Free
Symbol:	HKR1
Synonyms:	ZNF875
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC102990 sequence for AK056243 edited (data generated by NextGen Sequencing)

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ATGTACACTGAGTGGGGAGACAGCTTTGGCAGTATGTCAGTCCTCATCAAAAACCCAAGG
ACACACTCTGGGGAAAAGCCTTATGTGTGCAGGAATGTGGGCGAGGCTTTACGTGGAAG
TCAAACCTGATCACACATCAGAGGACACACTCAGGGGAGAAAACCTTATGTGTGCAAGGAT
TGTGGACGAGGCTTTACTTGAAGTCGAACCTCTTTACACATCAGCGGACACACTCAGGG
CTCAAGCCTTATGTGTGCAAGGAATGTGGGCAGAGCTTTAGCCTGAAGTCAAACCTCATT
ACCCACCAGAGGGCGCACACTGGGGAGAAGCCTTATGTTTGCAGGGAATGTGGCGTGCC
TTTCGCCAGCATTACACCTGGTCAGACACAAGAGGACACATTTCAGGAGAGAAGCCTTAC
ATTTGCAGGGAGTGTGAGCAAGGCTTTAGCCAGAAGTCACACCTCATCAGACACTTAAGG
ACACACACAGGAGAGAAGCCTTATGTATGCACAGAATGTGGGCGTCACTTTAGCTGGAAA
TCAAACCTCAAAAACACACCAGAGGACACACTCAGGGGTTAAACCTTATGTCTGCCTGGAG
TGCGGGCAGTGCTTTAGCCTGAAGTCAAACCTTAACAAACACCAGAGGTCACACACGGGG
GAGAAGCCATTTGTATGTACGGAGTGTGGGCGAGGCTTTACCCGGAAATCAACCTGATC
ACGCACCAGAGGACACACTCAGGGGAGAAGCCATTTGTATGTGCTGAGTGTAGACGAGGC
TTAATGATAAGTCCACCCTCATTTACACCAGAGGACACATTTCAGGGGAAAAGCCTTTT
ATGTGCAGGGAGTGTGGCAGAAGGTTTCGGCAGAAGCCTAACCTGTTTAGGCACAAGAGG
GCACACTCAGGTGCCTTTGTGTGCAGGGAGTGTGGCAAGGCTTTTGTGCTAAGTAACT
CTCATTAACACCAGAGACACACGCAGGGGGGAAGCCTCATGTGTGCAGGGAGTGTGGG
CAAGGCTTTAGCCGGCAGTCACACCTCATTAGACACCAGAGGACACATTTCAGGAGAGAAG
CCTTATATTTGCAGAAAAGTGTGGACGGGCTTTAGTCGGAAGTCCAACCTTATCAGACAT
CAGAGGACACACTCAGGATAG

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Clone variation with respect to AK056243.1
772 g=>a



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5' Read Nucleotide Sequence:	<p>>OriGene 5' read for AK056243 unedited</p> <pre>GTAATACGACTCACTATAGGGCGGCCGGAATTCGGCACGAGGGGGAGGTGATGCTGGAG ACTTATAACCATCTGGTCTCACTGGAAATTCATCTTCTAAACAAAACACTATTGCTCAG CTGGAGCGAGGGGAAGCGCCCTGGAGAGAGGAGAGAAAATGTCCACTGGACCTCTGTCCA GAATCGAAGCCAGAAATCAACTTAGTCCCTCCTGCCCTCTGATTTTCTCCAGTCAGCAA GCTCTCAGCCAACATGTGTGGCTGAGTCATCTCTCAGCTGTTTTCAAGTTTATGGGCA GGAAATCCTCTCCACCTGGGAAAACACTATCCAGAAGATCAGAAAACAACAGCAGGATCCA TTCTGCTTTAGTGGCAAAGCAGAATGGATTCAAGAGGGAGAAGACTCCAGACTCCTGTTT GGGAGAGTAAGCAAAAATGGCACTTCAAAGGCACTTCCAGCCACCTGAAGAACAACAG CCAGCACAGTCCAAGGAAGACAACACAGTGGTGGATATAGGGTCCAGCCCTGAACGGAGG GCAGACCTAGAGGAAACAGACAAAGTATTGCATGGTTTAGAAGTCTCAGGATTTGGAGAA ATCAAATATGAAGAGTTTGGGCCAGGCTTATCAAGGAGTCAAACCTCCTTAGCCTCCAG AAGACACAAACTGGGAGACACCTTACATGTACTGAGTGGGGAGACAGCTTTGGCAGT ATGTCAGTCTCATCAAACCCAGGNCACACTCTGGGGAAAGCCTTATGTGTGCAGGGA ATGTGGGCGAGGCTTTACCGTGGAGTCAAACCTGATACACATCAGAGGCACACTCAGNG AGAAACCTATGTGTGNCAGGATTGTGGACGAGGCTTACTTGNAAGTCGAACTCCTTAAC ATCAGCGGCACACTCAGGCTCAGC</pre>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for AK056243 unedited</p> <pre>GCTTTTTATGNACGCGGCCGCACTTTANGATCGGTTTTTTTTTTTTTTTTTTTGGAGATGG GGTAGAAAAGAATTTTATTGAGCAAAAGGACAGCTCTCAGTGGAGAGGGGATGCAGGGAG TGGTCCCCAACCCACAGCAGGCTGATTTCTCTCCTCACTGCAGCTGAGTCTGGGTCTT TTATGGGCTCAGAAATAGGGGAATACACGTTGACTGATTTGTAATTATGCAAAGGCACCAC TCAAAGGGGGGACAGCAGTGTAAAAACCAATTAGGAAAGGGCAGGTATACGTAATAA GGTGAAGGGTTGGGATCAATCGGAGGAAAGCACACCAAATGGGAAGACAGTTTCTCAATT CAGTATGAGGATTTAGCCGGGACTGTCTTCAGCTTTAAGGTTGGGTTTACCAGGTACCC ACCCCTATCTGCCTGGGCATTTGACTGCCTCCTGCCACTATCATTACCTGACCGGTTTC CACAACCACCATCCACAGTGAAGGAGGAGGCTCCTGAAAATGAGCCAGCAATTCTC CTTCAGGTGGATGGAGATACAAGTCTTACCAGTACAGTCTCATGCATAATCACACACAGA ATGTCTCCACTTTGGTATCTAGCAATGGCTGANAAAGCCACAGCACTGTGTGTCTCT GGTGTCTGATGAAGTATGACTCCTGGCTAAAGGCTGTACCACATTCCTATACACATAAA GTTTCTATCCTGAGTGTGTCTCTGATGTCTGATAAGGTTGGACTTCCGACTAAAGCCCC GTCCACACTTTTCTGCAAATATAAGGGCTTCTCTCCTGAATGTGCCTCTGGTGTCTAATG AGGTGTGACTGCCGGCTAAAGCCTTGNACACTTCTGCACACATGAGGGCTCCCCCTG GCTGTGCT</pre>
Restriction Sites:	NotI-NotI
ACCN:	AK056243
Insert Size:	2500 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: [AK056243.1](#), [BAG51656.1](#)

RefSeq Size: 2854 bp

RefSeq ORF: 1161 bp

Locus ID: 284459

Cytogenetics: 19q13.12

Domains: zf-C2H2

Protein Families: Druggable Genome, Transcription Factors

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