

Product datasheet for **RC220024**

KIAA0895 (NM_001100425) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	KIAA0895 (NM_001100425) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	KIAA0895
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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ORF Nucleotide Sequence:

>RC220024 representing NM_001100425
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGCTGGCTGCACCCGAACTCACTCACCTCCGTAACGGATCCATCGCCCCAGGCGTCGGACTACGA
 GACGATGGAAACGGTGGTTCAAATTCAGGAAGAGAAAAGGAGAGAAAAGGCCAAGACCTAATCATAGGC
 AGTGGCAAGAAGAGCTAACTCAAGTTCTACCTCAGAAAAGCTTCACTGGCCTGAGCAAGAATTGCT
 AAGAAGTCTATTCTAAATGCAGAAGATTATTGATCATTGACAACAAAAGAAGCATTTCACATTTGCTCT
 CGGGAGTGCTAAAAGACATTTTCACTGGAACAGTAGTTACAATGTCCTACTACAGAGCAAGGAGGA
 AAAAAAGTATCATTACAAAAACAGTCTTCTCCACCTACTCCAAAAGATGTAGAAAACCCAGCAAATCT
 CCTAACACTTCTCGTAGCAAAGATCCTCGCAGGATGAAAGCCCTGGTGCCTGTGACAAGCAGTGGTACTT
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 TGATATCTCTGTTACAGGAATGGCATAGTACTGCCACCTAAACCCAAAAGCAAGTCAAGTGGTCCAT
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 AGAAATTTTGATATTGACTGCTATAAAACCCACCAACTTAGAGAAAGAAAAACTGAGATTCTTCAAATC
 TGAATACCTACAATCCTCAGTTTGAATGATGCCAATCCTGCTCTGCCAAGCGTATTAGCTAAGCATAGC
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 CCAAATGTCTTTTTGTGAACCTTTAAAGATATTGGCAGGTTTGTCAAGGACCCCAATACAAGATGGGAT
 TATTGTGTACGGGCCAAGAGGGGATGGACTGATACTTCCCAACCAGGGTGTTTTAGTAAAGACCAGGTAT
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 GAAGGTTTCTTATGAAGATGTGGATCGCTTAAAGGATTGGCAGTTACCGAAAACATGAGGGTCCCTCAT
 TTCCTGCAGGACCATGGCCGATATATGGAACACTTAGAGAAGATCATGGAAGTGAATGAAGTACTGACA
 GGGAACTGAAAGATCTTATA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC220024 representing NM_001100425
 Red=Cloning site Green=Tags(s)

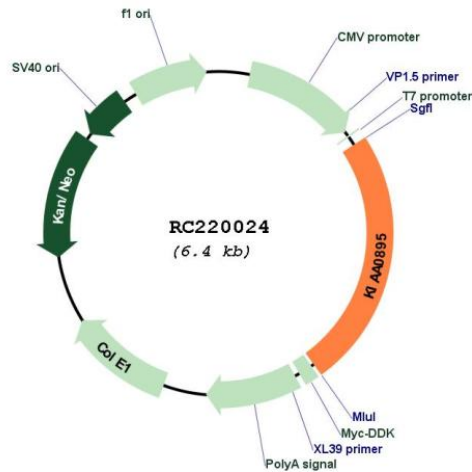
MAGCTRKLTHLRKRIHRPRRRTRRWKRWFKFRKRKGEKRPRPNHKAVARRAKLKFSTSEKLHWPEQELA
 KKSILNAEDSLIIDNKRSISHLSSGVLKDIFFTGTSSYNVLLQSKEEKYHSQKQSSSTYSKRCRKPSSK
 PNTSRSKDPRRMKALVPVTSSGTWYCLERRPAVFVTSSVSPVKFTHDISVTGNGIVLPPKPKSKVKWCH
 FSTLPPKPKQLSRSEKGGDFSGKKFCILTAIKPTNLEKEKLRFFKSDYTYNPQFEYANPALPSVLAKHS
 HASDRFLKQIVVHLEDLLSRASMTVVNGCPTLTINVSTAREHWLEGLRHEIGTHYFRGINNLQQPWNS
 WTGRKKHELKPNPTEGLASIHVLFKDPFLWRAALLYYTVYQASQMSFCELFKDIGRFVKDPNTRWD
 YCVRAKRGWTDTSQPGCFSKDQVYLDGILQILRYRDTIDFHLLTALGKVSIEDVDRLKGLAVTENMRVPH
 FLQDHGRYMEHLEKIMEVNELTDRELKDLI

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Plasmid Map:



ACCN: NM_001100425

ORF Size: 1560 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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_001100425.2](#)

RefSeq Size: 4230 bp

RefSeq ORF: 1563 bp

Locus ID: 23366

UniProt ID: [Q8NCT3](#)

Cytogenetics: 7p14.2

MW: 60.5 kDa