

Product datasheet for **RC239402**

KIAA0323 (KHNYN) (NM_001290256) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	KIAA0323 (KHNYN) (NM_001290256) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	KIAA0323
Synonyms:	KIAA0323
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

**ORF Nucleotide
Sequence:**

>RC239402 representing NM_001290256
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**

ATGAAGCCGCCTGCCACTGGACGGGAGGCTGCAGCCAGAGCTTCAGGGCAGCCCTGCTGGATGGGACA
 GCACTGAGGGCTGGACCTGGGGGGATGGAGAACATGGGCTGGGGGCAGCAGCCATGCCTACCTGGGGGGC
 CCGCCCCGCGTCCCCAGATCGCTTTGCGGTGTCTGCGGAGGCTGAGAACAAGTTTCGGGAACAGCAGCCC
 CATGTGGAGCGCATCTTCAGCGTGGGGGTGAGCGTCTTCCGAAGGACTGTCCGGACAACCCCCACATCT
 GGCTGCAGCTGGAGGGCCCCAAGGAAAACGCCAGCAGAGCCAAGGAGTACCTGAAGGGCCTCTGCAGCCC
 AGAACTGCAGGATGAAATCCACTACCGCCCAAACCTGCACTGCATCTTTCTGGGAGCCCAGGGCTTCTTC
 CTTGACTGCCTGGCCTGGAGCACGTGAGCCCATCTGGTGGCCAGGGGCCAGGCTCACTGATGATCAGTG
 GCCTGACTGAAGCCTTTGTGATGGCTCAGAGCCGGGTAGAAGAGCTGGCAGAGCGGCTGAGCTGGGACTT
 CACGCCAGGACCATCTTCGGAGCCTCTCAGTGTACTGGAGTGTGAGAGACTTCTCTGCCCTGCTGCAG
 TCCCCGGGGGATGCCCATAGAGAGGCTCTGTTGCAGTTGCCCTGGCTGTCCAGGAGGAGCTGCTGAGTC
 TGGTGCAGGAGCGTCTAGTGGGCAGGGGCCAGGAGCACTGGCTTCTTGGGAGGGGCGGAGCTCAGCCTT
 GCTGGGTGCTCAGTGCCAAGGAGTGAGAGCTCCCCCTAGTGACGGCAGGGAGTCCCTGGACACTGGATCT
 ATGGGACCCGGAGATTGCAGGGGAGCAAGGGGAGACACTTACGCTGTGGAGAAGGAGGGAGGAAACAGG
 GTGGTCCCAGGGAGATGGATTGGGGGTGGAAGGAGTTGCCTGGGAAGAGGCGTGGGAGAGAGAAGTGCC
 CCTCAGGCCACAGTCAGTGGGTGGAGGGGCAAGGGAGTCAGCACCCCTGAAAGGGAAGGCCCTGGGAAG
 GAGGAGATAGCTCTGGGAGGAGGAGGGTCTGTGTCCACCGTGAGCCTCCCGGTGCCCATGGCTCCTGTG
 ACAGGGCAGCTCAGTCCCAGGAGCCTCCCTCCTCAGCGGCTCCACAATGGGAATGCCTCTCCTCCGAG
 GGTGCCCAGCCCTCCACCTGCACCGGAACCCCATGGCACTGTGGAGACCGGGGTGACTGCGGAGACCGG
 GGAGACGTGGGGGACAGGGGAGACAAGCAGCAGGGCATGGCACGGGGTCGGGGGCCTCAATGAAAACGAG
 GCGCCCGAGGGGGCAACTTGGTACTGGCACACAGCGTTTCAAGGAGGCCCTGCAGGATCCTTTACCCCT
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 GTGCATGGCCTCCAGCACTACTTCTCCAGCCGGGGCATTGCCATTGCTGTGCAGTACTTCTGGGACCGTG
 GTCACCGTGACATAACTGTCTTTGTGCCTCAGTGGCGCTTCAGTAAGGATGCCAAAGTCAGAGAGAGTCA
 CTTCTGCAAAAGCTGTATTCCCTCAGCCTGCTCTCCCTCACACCCTCACGAGTCATGGATGGCAAGAGG
 ATCTCCTCCTATGATGACAGGTTTCATGGTGAAGCTGGCTGAAGAGACAGATGGGATAATTGTCTCCAATG
 ACCAGTTCCGGGACCTGGCGGAGGAGTCTGAGAAAGTGGATGGCAATCATCAGAGAACGCCTGCTGCCCTT
 TACCTTTGTGGGAAACCTCTTCATGGTACCTGATGACCACTGGGGCGAAACGGCCCCACCTGGATGAA
 TTTCTGAAGAAGCCAGCCAGGACACAGGGGTCTTCTAAGGCTCAGCATCCTTCCAGGGGCTTTGCAGAAC
 ATGGTAAACAGCAGCAGGGGAGAGAAGAGGAAAAAGGTAGTGGTGGCATTCCGGAAGACCCGGGAAACAGA
 GCGGCTCCGGCGGCAGCTGCTGGAGGTGTTTGGGGTCAGGATCACAAGTGGAATTCATCTGCAGCGG
 GAGCCATACTGCCGGGACATCAACCAACTGTCTGAGGCCCTGCTCAGTCTTAACCTT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC239402 representing NM_001290256
 Red=Cloning site Green=Tags(s)

MKPPAHWTGGLQPELQGSPAGWDSTEGWTWGDGEHGLGAAAMPTWGARPASPDRFAVSAEAKVREQQP
 HVERIFSVGVSVLPKDCPDNPHIWLQLEGPKENASRAKEYLKGLCSEPLQDEIHYPKHLHCIFLGAQGFF
 LDCLAWSTSAHLVPRAPGSLMISGLTEAFVMAQSRVEELAEERLSWDFTPGPSSGASQCTGVLRDFSALLQ
 SPGDAHREALQLPLAVQEELLVLVQEASSGQGPALASWEGRSSALLGAQCQGVRRAPSDGRESLDTGS
 MGPDCRGARGDTYAVEKEGGKQGGPREMDWGKELPGEEAWEREVALRPQSVGGGARESAPLKGKALGK
 EEIALGGGGFCVHREPPGAHGSCHRAAQSRGASLLQRLHNGNASPPRVPSPPPAPEPPWHCGDRGDCGDR
 GDVGDGRGDKQQGMARGRPQWKRARGGNLVTGTQRFKEALQDPFTLCLANVPQGPDRLRHIVIDGSNVAM
 VHGLQHYFSSRGIAIAVQYFWRGRHDITVFVPQWRFSKDAKVRESHFLQKLYSLSLSLTPSRVMDGKR
 ISSYDDRFMVKLAEETDGIIVSNDQFRDLAESEKWMAIIRERLLPFTFVGNLFMVPDDPLGRNGPTLDE
 FLKKPARTQGSSKAQHPSRGFAEHGKQQQGREEKGGGIRKTRETERLRRQLLEVFVGQDQHKVDFILQR
 EPYCRDINQLSEALLSLNF

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:



ACCN: NM_001290256

ORF Size: 2157 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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_001290256.1](#), [NP_001277185.1](#)

RefSeq Size: 6240 bp

RefSeq ORF: 2160 bp

Locus ID: 23351

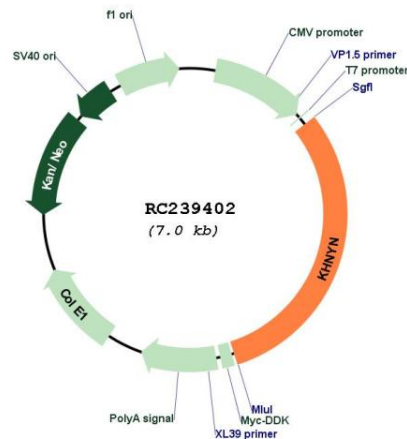
UniProt ID: [O15037](#)

Cytogenetics: 14q12

MW: 79.2 kDa

Gene Summary: This gene encodes a protein containing a ribonuclease NYN domain. The function of this protein has yet to be determined. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Mar 2014]

Product images:



Circular map for RC239402