

Product datasheet for **RG206738**

KIAA0323 (KHNYN) (NM_015299) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Tag:	TurboGFP
Symbol:	KIAA0323
Synonyms:	KIAA0323
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

ORF Nucleotide Sequence: >RG206738 representing NM_015299
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGCCTACCTGGGGGGCCGCCCGCGTCCCCAGATCGCTTTGCGGTGTCTGCGGAGGCTGAGAACAAAGG
 TTCGGGAACAGCAGCCCCATGTGGAGCGCATCTTCAGCGTGGGGGTGAGCGTCTTCCGAAGGACTGTCC
 GGACAACCCCCACATCTGGCTGCAGCTGGAGGGCCCCAAGGAAAACGCCAGCAGAGCCAAGGAGTACCTG
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 GAGCCAGGGCTTCTTCTTGAAGTGCCTGGCTGGAGCAGTCAGCCATCTGGTGGCCAGGGCGCCAGG
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 CGGCTGAGCTGGGACTTCACGCCAGGACCATCTCCGGAGCCTCTCAGTGTACTGGAGTGTGAGAGACT
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 GGAGGAGCTGCTGAGTCTGGTGCAGGAGGCGTCTAGTGGCAGGGGCCAGGAGCACTGGCTTCTTGGGAG
 GGGCGGAGCTCAGCCTTGTGGGTGCTCAGTGCCAAGGAGTGAAGCTCCCCCTAGTGACGGCAGGGAGT
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 AATGCCTCTCTCCGAGGGTGGCCAGCCCTCCACCTGCACCGGAACCCCATGGCACTGTGGAGACCGGG
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 CAGGGGCTTTGAGAACATGGTAAACAGCAGCAGGGGAGAGAAGAGGAAAAAGTAGTGGTGGCATTGCG
 AAGACCCGGGAAACAGAGCGGCTCCGGCGGAGCTGCTGGAGGTGTTTTGGGGTCAAGATCACAAGTGG
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 CTTT

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

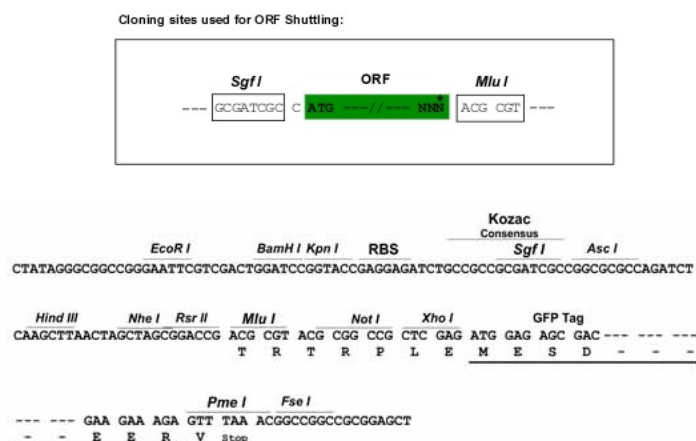
Protein Sequence: >RG206738 representing NM_015299
 Red=Cloning site Green=Tags(s)

MPTWGARPASPDRFAVSAEAKVREQQPHVERIFSVGVSVLPKDCPDNPHIWLQLEGPKENASRAKEYL
 KGLCSPQLQDEIHYPKHLHCIFLGAQGFLLDCLAWSTSAHLVPRAPGSLMISGLTEAFVMAQSRVEELAE
 RLSDFTPGPSSGASQCTGVLRDFSALLQSPGDAHREALLQLPLAVQEEELSLVQEAASSGQGPALASWE
 GRSSALLGAQCQGVRAAPSDGRESLDTGSMGPGDCRGARGDTYAVEKEGGKQGGPREMDLQWELPGEEA
 WEREVALRPQSVGGGAREAPLKGKALGKEEIALGGGGFCVHREPPGAHGSCHRAAQSRGASLLQRLHNG
 NASPPRVSPPPAPEPPWHCGDRGDCGDRGDRGDKQQGMARGRPQWKRGARGGNLVTGTQRFKEAL
 QDPFTLCLANVPGQDLRHIVIDGSNVAMVHGLQHYFSSRGIAIAVQYFWDGRHRDITVFVPQWRFSKDA
 KVRESHFLQKLYSLSLSLTPSRVMDGKRISYDDRFMVKLAETDGIIVSNDQFRDLAEESEKWMIAIR
 ERLLPFTFVGNLFMVPDDPLGRNGPTLDEFLKKPARTQGSKAQHPSRGFAEHGKQQQGREEEKSGGIR
 KTRETERLRRQLLEVFWDQDHKVDLILQREPYCRDINQLSEALLSLNF

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM 015299

ORF Size: 2034 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.

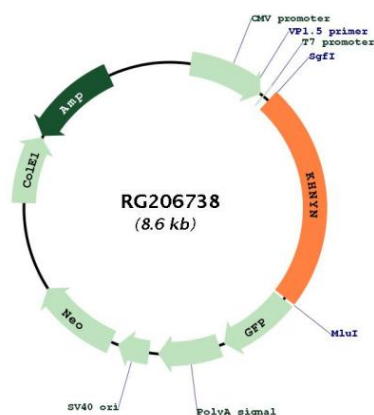
Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22µm filter is required.

RefSeq: NM_015299.2, NP_056114.1

RefSeq Size: 6301 bp

RefSeq ORF:	2037 bp
Locus ID:	23351
UniProt ID:	O15037
Cytogenetics:	14q12
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 RG206738