

Datasheet for ABIN4945761

Human KIAA1614 ORF Clone in Mammalian Expression Vector (DYKDDDDK Tag)

Overview

Quantity:	10 µg
Gene:	KIAA1614
Species:	Human
Fusion tag:	DYKDDDDK Tag
Insert:	ORF
Vector:	Mammalian Expression Vector
Application:	Protein Expression (PExp)

Product Details

Purpose:	Expression/transfection ready cDNA ORF clone of Human KIAA1614 with C terminal DYKDDDDK tag is ideal for express proteins in E.coli & mammalian cells.
Brand:	GenEZ™
Insert Length:	3573 bp
Vector Backbone:	pcDNA3.1+C-(K)-DYK
Promoter:	CMV Promoter
Selectable Marker:	Neomycin
Bacterial Resistance:	Ampicillin
Expression Type:	Transient, Stable
Sequence:	ATGGAGGGGA CAGAGGCGGC GGCGGCCAAA CCCGCGGGCG GCAGCCCCCA AGGGCCCAAG ACAGGGAGTG GAACAGCCAG CCCCGTGGAG GGGACCTCAG CTGTGGAGTG GAGTGGTCCT GAGCCACAGC TGGATAACGG ACACCCCCCA AGACCCTGGC CTTGCCCTCA GGAAACAGA ACATCCAGCC TGATGGCCCC CCAGCCTCCC AGGGTATGGG GAGTACAGCT CCAGGGCCCC

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TCTGTGCTGG AATCCAAGGT GAGGGCTTTG AAGGAGAAGA TGACAGTGGC CAAACAGGGA
GTGAGTCCCT GCTCTGCTTC CCAAGAGTGG TCATCCCCCA AGAAACCCCA ATGCAGACGA
GGCAAGGCAG GGAGAGCCGG GACTCCATCA GAGGGGTCTT TCCTGCCAGG TGCTGTGGTG
GCTCCTCGTA CCCAAAACCT GCCTGATGGG CAGCTGGACG GCAGCATCAA TGAGGAGCAA
CCCGCCAGGG ATGGAGGCC CAGGCTTCCC AGGCCGCCTG CCCCTGGACG TGAGTACTGC
AACAGGGGGA GCCCGTGGCC TCCAGAAGCC GAATGGACAC TTCCTGACCA TGACAGAGGT
CCGCTGCTGG GGCCCAGCTC TTTGCAACAG AGCCCGATCC ATGGAGTTAC TCCCGGACGG
CCTGGGGGTC CTGGTCATTG TAACAAAATC ATCCACATTC CCAGCCCAAG GACAGGAAGG
TCCTACCCTT TTCCAGATGG CGTGGTGACA GAGGCAGATC TGGATAGCAC ATCCCTGACC
TCCGAGGAGG TCTTTGTCCC CAGGACGGCC CTGCTGGGTG AGCGCTGGAG AGCTGGAGAC
CTGGAGGCTC TGGGCGCTGG GAGCAGTGTC TTGTCCCTGT CTGATCGGGT GGAGAGAAAC
CGCCTGTTGC TGCAGGAGAT GCTCAACGTT TCTGGGCAGA GCCCCGCAA GGTGGGAACC
CCTGCCTGGA CTCCATCCTG GGACACAGCT GCACCAGAGC GACCAAGTGGG GGATGTGGAC
TGGGCTCGG GCACCTCCTT GCAGGACTCC GGCCAGAACA GGACCGTTGG TCCCAACCCG
GAGCCTGTGC TGAGCCCCAG GCATGAGGAA GCCACGCATC TGCTGCAGCG TGCCCGCATG
AAGGCCAGGA CCCGGCCCCCT CCGTGCCAGC CATGACATCG TGCCCACCAT TACCCAGGGC
AGCCGAGATG GCCACAGAAG CCCAGCCCCG GACCCAGGA CGACCCCTGC CTGCAGAGAC
AGCCTCCAGA ACGGGCACAC GAGCGATTCC TCCAGCGGAG AGTCCAGCGG TGGGCACAGG
CCGAGGCGGG GCCCCTCGCC GTCGCACGTG CGCTTTGAGG ATGAGTCCGC CCGCGAAGCC
GAGTTCCGTC ACCTGGAGCG GCTGCAGCAG CGCCAGCGCC AGGTGCTGAG CACCGTGTTG
CAGGCCGCGG ACCAGGGCCC CCTGCGCTCC AAGCCCGACC TCGCCGACTA CATCAACGGG
GCTCCCCGGC TCCGGGACGC GGGGCAGGGG ACATTCCACA GGCTTGTTGGG CAGCCTGGAC
CGCAGGGGAC ACCCGGCACC GCCGGCACCG GGCAGCGAGA GGAGGTGCCA GGCCTGCGGC
AGCTGCATCG ACGACCCGCG CCCCGCCAG GGAAGGCGC CCCCCGTCCC CAGGACCCTC
CAGGAGCTCC AGGCTGCCTG TGGGATGGAG AGGGTGCTGG GTGGCCTGAG CTCCCCACTC
CGGCTCCTTC CTGCAGAGCC CCGGCTCCAC ATGGAATGGA TCCGGGAAAC ACACATCGGA
GACACCGTGT GCCCTGCGGA GGTGGACTCT GCCCTGGACA GCACAGACAA CTCTGACAAC
TGCAGGACCG ACAGTGAGGA GGCGGGGACC TCTCAGGCTG GCTGGGCGTG TGGGCGGACC
CAAGGCAGCA GCCCGCGACT GCGACTGCGG GGCTCCAGGC CTCGAGGCCA CAGGTGGTCC
AAGAAGGCTG AGGCGGAGCT CCCTTGGGGC CTTGAGGCCC AGCAACACCT GCCTAGGGCT
GATGATGTGG AGGTGGAAAA TGAGGTGAAA GAGGGCAGAG GACACACGCC TGAAGGAACT
CTATTTTTGA GAGAAGATGC CAAGCCTCCT GACCTGGAGT TGAAGCGGGT GTCCCTGGGA
CCCCAGTGGC AGCCTGGACC AGGGCTGGGA AGTCACCAGC CTCACCCTTT GGATTCCCGG
ACTCCATGCA GGACAGCCTA TGCCACCACC GCCCCATGA CGCCTGAATC ATCGGGGCCA
GGAGGCCAGG CCCAGGTTAC AGAAAGCCAC GAGTCCCTGG AAATTGTCTC TCCTTCCTCC
CTGCAACAGA GCCATGCAGA GCCTTCTGCC CCACACCAAG CCTGGCAGCC AACAGCTTCC

Product Details

TTGTGTCCTG AAGGCTGGGC GCCAACCCT CCCCCTTCGA GGAAAACCAC CTCGCCAGTG
TCTCACAGGA AGGCAGCCCT GGCTGGACTG CTCAGGCTGG GTGACCAGAC AGAGCCTGTG
GGTATCCCTC GGCCTCCTTC AAGAAGCGCG GTTCTCAGGA CCTGTGAGCT GCCCCATCA
CAGACCCAGC CCAGCCGCCC TCAGGTCAGG CACCCACTGC TGGCCCTGTC CACCAACAAC
TGCAACAACA GCGCACCTCG GGGGCTGCAG GAGCCCTACG GGGGAGCCGT CCACGAGGGT
AGGGTGGAGA GGGGCCCTG CAGCCGGGAA CCGGAGCCGC CCCTGGAGAA CAGCAGAGAT
GGAGGACCCC AGGGCTTTCT TGGCTCAGCA GATGTTGCCA CCATCAACTC CACGGGCATC
ACCCTCTCCC TGTCTCAGA GGAGTCAGAG TCCAGCAAGG AATCAGAGGG AAGCCTGCAG
AGGACAGGGT CAGGATCTGG AGGACATGTG CTGTCAAGAG CATCAGCAGG AGCTGGCACA
GGACCCGGCT CCCCCTCGGC TGCCCTTTG GACCAGAACA AGAAAAGGAG CAGCAGCATA
GCCTCCACCC TGGGGCTGAA AAAGCTCTTC TCAGCCCTGG GCCAGAGTTC CCGGCCCAAG
CTGGGCAAGT CCCGCAGCTA CAGTGTGGAG CAGTTGCAGC CCGCCCCGCC TGGCCTGACG
TCACAGTCCA GGGCCCCATC GTTACAATCC CTGCACCCGG TGTCACCCTC TCACCAGCGT
CGGAAAGCTG CCTCTTTTCA GAACCTCCAT TCTCTGCTGA GCAGCAAGGG GAACCGGTCC
AGCCTCTACC TGGTAGCAGG GCCAGGGGAC CACAGTGCAG CTGGCAGGCC GGCCAAGACT
TCACCACGGC GTGCCCTCAG TGTGGAGGAC GTGGGTGCTC CCAGCCTGGC TCGCACCCTG
GGCCGCCTGG TGGAGGTGTT CCCAGACGGC ACCAGCCAGC TGCAGCTGCA GCGCTCCCCA
GGGGGCACTT TCGGCTTCTG CGTGGCCTCT GGAATGGGC GCCCAGACTC AGGTATGCCC
TCTCCTCTTC CTCAGCCCCA TGGCTGGGGC GGCCTTAGCA AACAAGGCAG GGCCTTCTGG
CTGTGGTCAG AGGCTTTTCT GGTCTTTGGC TGA

Specificity:	ORF Insert Method: CloneEZ® Seamless cloning technology, recombination-based cloning technology
Characteristics:	Gene cDNA ORF clone sequences were retrieved from the NCBI Reference Sequence Database (RefSeq). These sequences represent the protein coding region of the gene cDNA ORF which is encoded by the open reading frame (ORF) sequence.
Sequencing Primer:	- Forward primer: 5'-TAATACGACTCACTATAGGG-3' - Reverse primer: 5'-CCTCGACTGTGCCTTCTA-3'
Grade:	End-sequenced
Components:	The GenEZ ORF clone is delivered as 10 µg of lyophilized plasmid DNA in a vial.

Target Details

Gene:	KIAA1614
Alternative Name:	KIAA1614 (KIAA1614 Products)

Target Details

Gene ID: 57710

NCBI Accession: [NM_020950](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Storage: RT/-20 °C

Storage Comment:

- Keep the vial sealed and store at -20°C for long-term storage.
- Before use, centrifuge the vial at 6,000 g x g for 1 minute at 4°C.
- Open the lid and add 100 µl (or other volume depending on your desired final concentration) of distilled water (or TE buffer) to dissolve the DNA.
- If necessary, heat the solution at 50°C for 15 minutes to dissolve the DNA.
- Close the lid and vortex the vial for 1 minute.
- Aliquot the dissolved plasmid DNA and store in small aliquots at -20°C.

Expiry Date: 12 months

Publications

Product cited in: Johnson, Drugan, Miller, Evans: "38" in: , Vol. 1363, Issue Nucleic acids research, pp. 28-39, (1991)