

Datasheet for ABIN4944643

Human ANKRD62 ORF Clone in Mammalian Expression Vector (DYKDDDDK Tag)

Overview

Quantity:	10 µg
Gene:	ANKRD62
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 ANKRD62 with C terminal DYKDDDDK tag is ideal for express proteins in E.coli & mammalian cells.
Brand:	GenEZ™
Insert Length:	2754 bp
Vector Backbone:	pcDNA3.1+C-(K)-DYK
Promoter:	CMV Promoter
Selectable Marker:	Neomycin
Bacterial Resistance:	Ampicillin
Expression Type:	Transient, Stable
Sequence:	ATGGAGGTCA GGGGGTCGTT CCTGGCGGCC TGCAGGAGAC GCATGGCTAC CTGGAGGAAG AATCGTGACA AGGATGGCTT CTCAAATCCC GGGTACCGAG TCCGGCAGAA GGATCTGGGC ATGATCCACA AAGCTGCCAT CGCAGGTGAT GTGAACAAGG TGATGGAGAG CATCTTGCTC AGGCTGAATG ACTTGAACGA CAGGGACAAG AAGAACAGGA CTGCTCTACT TTTGGCGTGT

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GCCCATGGCC GTCCAGGAGT GGTAGCTGAC CTGGTGGCCA GAAAATGCCA GCTTAACCTC
ACTGACAGTG AAAACAGGAC AGCTCTGATC AAGGCTGTAC AATGTCAAGA AGAAGTTTGT
GCATCCATCC TGCTGGAACA TGGCGCCAAC CCAAATGTTA GAGATATGTA TGGCAACACT
GCTCTGCACT ATGCCATTGA TAATGAGAAT ATATCAATGG CAAGAAAACCT GCTTGCATAT
GGTGCAGATA TTGAAGCAAG AAGCCAGGAT GGACATACAT CACTTTTACT CGCTGTAAT
AGGAAAAAAG AGCAAATGGT GGCATTTTTG TTGAAGAAAA AACCAGATTT AACTGCAATA
GATAATTTTG GAAGAACAGC CCTGATACTT GCTGCTCGTA ATGGATCAAC AAGTGTAGTC
TACCAGCTTC TTCAGCACAA TATTGATGTC TTTTGCCAAG ATATATCTGG ATGGACTGCA
GAAGACTACG CTGTTGCTTC TAAGTTTCAA GCCATTCTGT GAATGATTTT TGAATATAAA
GCAAACAAGA GATGTAAAAG TCTTCAAAT AGCAATTCAG AACAAGACTT AGAAATGACA
TCAGAGGGAG AGCAAGAAAG GCTTGAAGGA TGTGAAAGTA GCCAGCCACA GGTTGAAGAA
AAAATGAAGA AATGCAGAAA TAAGAAAATG GAAGTGTCAA GAAACGTACA TGCTGATGAC
AGTGACAATT ATAATGATGA TGTTGATGAA TTAATTCACA AAATAAAGAA CAGAAAACCT
GATAATCATC AATCTCCTGG GAAGGAGAAT GGCGAGTTTG ATAGGCTTGC AAGGAAAACC
TCTAATGAAA AGAGCAAGGT TAAAAGCCAA ATATATTTCA CGGATGACCT TAATGACATA
AGTGGGTCAT CTGAAAAAC CTCAGAGGAT GATGAGTTGC CTTACTCTGA TGATGAGAAT
TTTATGTTAC TCATTGAACA AAGTGAATG GAGTGAAAAG ATTTTGTTAG CCTATCGAAA
AGCAAGAATG CAACAGCTGC ATGTGGAAGA TCAATAGAGG ATCAAAAATG TTAAGTGTAA
CGACTTAAAG TAAAATTTCA AAAAATGAAA AATAATATTA GCGTACTACA AAAGGTACTA
TCTGAAACAG ACAAACCAA ATCACAGTCA GAGCATCAGA ATCTTCAAGG GAAAAAAG
CTCTGTAATT TGAGATTTAT CTTACAACAA CAAGAAGAAG AAAGAATAAA GGCTGAAGAG
TTGTATGAAA AAGATATAGA AGAGTTAAAA ATAATGGAAG AGCAATATAG GACACAAACT
GAAGTGAAA AACAATCTAA ACTGACTCTC AAATCATTGG AAGTGAATT GAAGACTGTA
AGAAGTAACT CAAATCAGAA TTTTCATACT CATGAAAGAG AAAGAGACCT GTGGCAGGAA
AATCACTTGA TCGGGATGA AATTGCCAGA CTCAGGCTGG AAATAGACAC AATAAAACAT
CAGAACCAGG AACTGAAAA TAAATATTTT AAAGATATTG AAATTATAAA GGAAAACAAT
GAAGACCTTG AAAAGACTCT CAAGCGGAAT GAGGAAGCAT TAACAAAAAC AATAACCCGG
TATAGTAAAG AGCTTAATGT TCTGATGGAT GAGAATACAA TGCTCAATTC TGAGCTACAG
AAGGAAAAAC AAAGCATGTC AAGACTGGAA ACAGAAATGG AATCATACCG TTGTAGACTG
GCTGCTGCCC TATGTGATCA TGATCAACGT CAGTCATCAA AAAGAGACCT ACAGCTTGCT
TTCCAGAGCA CAGTGAATGA ATGGTGTTCAT TTACAAGAAG AACTAATTC TCACATTCAG
ATTCTTTCTC AGCAACTTTC TAAAGCTGAG AGTACATCCA GTGGCCTGGA AACTGAGCTC
CATTATGAAA GAGAGGCTCT CAAAGAAAAG ACGTTGCATA TAGAACACAT GCAAGGAGTC
CTAAGCCGAA CACAGCGTCG ATTGGAGGAC ATTGAACACA TGTACCAAAA TGACCAACCT
ATTTTGAAA AATACGTGAG AAAGCAGCAA TCTGTAGAGG ATGGACTATT TCAACTACAA
AGCCAAAATC TGTTGTATCA ACAGCAGTGT AATGATGCTC GCAAGAAAGC TGACAATCAG

Product Details

GAGAAAACAA TAATTAATAT CCAAGTCAAA TGTGAAGATA CTGTAGAAAA ACTTCAAGCT
GAGTGTAGAA AGCTAGAAGA GAACAATAAG GGGTTGATGA AGGAATGCAC TCTTTTAAAA
GAAAGACAAT GCCAATATGA AAAAGAGAAA GAAGAAAGAG AAGTAGTCAG GAGACAGCTT
CAACGAGAAG TGGATGATGC CCTGAACAAA CAATTGCTGT TAGAAGCTAT GCTAGAGATT
TCATCAGAAC GTCGTATTAA TTTAGAAGAT GAGGCACAAA GTTTAAAAAA GAAATTAGGC
CAGATGAGAA GTCAAGTATG TATGAAACTT AGCATGTCAA CAGTTACTCT GTAG

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: ANKRD62

Alternative Name: ANKRD62 ([ANKRD62 Products](#))

Gene ID: 342850

NCBI Accession: [NM_001277333](#)

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)

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Handling

- 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)