

Datasheet for ABIN4944653

Human ANKRD20A1 ORF Clone in Mammalian Expression Vector (DYKDDDDK Tag)

Overview

Quantity:	10 µg
Gene:	ANKRD20A1
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 ANKRD20A1 with C terminal DYKDDDDK tag is ideal for express proteins in E.coli & mammalian cells.
Brand:	GenEZ™
Insert Length:	2472 bp
Vector Backbone:	pcDNA3.1+C-(K)-DYK
Promoter:	CMV Promoter
Selectable Marker:	Neomycin
Bacterial Resistance:	Ampicillin
Expression Type:	Transient, Stable
Sequence:	ATGAAGTTAT TCGGCTTCGG GAGCCGCAGG GGCCAGACGG CCCAGGGCTC CATAGACCAC GTCTACACGG GTTCCGGATA CCGAATCCGG GACTCCGAAC TGCAGAAGAT CCACAGGGCA GCTGTCAAAG GCGACGCCGC GGAGGTGGAG CGCTGCCTGG CGCGCAGGAG CGGAGACCTG GACGCCCTGG ACAAGCAGCA CAGAAGTCTGCT CTACACTTGG CCTGTACCAG TGGCCATGTG

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CAAGTGGTCA CTCTCCTGGT TAACAGAAAA TGCCAGATTG ATGTCTGTGA CAAAGAAAAC
AGAACGCCTT TGATACAGGC TGTCCATTGC CAGGAAGAGG CTTGTGCCGT TATTCTGCTG
GAACATGGCG CCAATCCAAA CCTTAAGGAT ATCTACGGCA AACTGCTCT CCATTATGCC
GTGTATAGTG AGAGCACCTC ACTGGCAGAA AAAGTCTTTT CCCATGGTGC ACATATTGAA
GCACTGGACA AGGACAATAA TACCCCACTT TTATTTGCTA TAATTTGCAA GAAAGAGAAA
ATGGTGAAT TTTTATTGAA AAAGAAAGCA AGTTCACATG CCGTTGATAG GCTGAGACGG
TCAGCTCTCA TGCTTGCTGT ATACTATGAC TCACCAGGTA TTGTCAATAT CCTTCTTAAG
CAAAATATTG ATGTCTTCGC TCAAGACATG TGTGGACGAG ATGCAGAAGA TTATGCTATT
TCTCATCATT TGACAAAAAT TCAACAACAA ATTTTGAAC ATAAAAAGAA GATACTTAA
AAGGAGAAAT CAGATGTTGG AAGTTCTGAT GAATCTGCAG TCAGCATTTT CCATGAACTG
CGTGTGGATT CATTGCCTGC ATCGGATGAC AAAGACTTGA ATGTTGCTAC TAAGCAGTGT
GTCCCGAGA AAGTGTGAGA GCCTTTACCT GGATCTTCGC ATGAAAAAGG AAACAGAATA
GTCAATGGAC AAGGAGAAGG GCCTCCTGCA AAACATCCTT CCTTGAAGCC TAGCACTGAA
GTGGAAGATC CTGCTGTGAA AGGAGCAGTA CAAAGAAAGA ATGTACAGAC ATTGAGAGCA
GAACAAGCCT TACCAAGTGGC TTCAGAGGAA GAGCAAGAAA GGCATGAAAG AAGTGAAAA
AAGCAACCAC AGGTCAAAGA AGGAAATAAT ACAAACAAAA GTGAAAAAAT ACAACTTTCA
GAAAATATAT GTGATAGTAC ATCTTCTGCT GCTGCTGGCA GATTAACCCA ACAAAGAAAG
ATTGGGAAAA CGTATCCTCA GCAATTTCCC AAGAAGCTGA AGGAAGAGCA TGATAGATGC
ACCTTAAAAC AAGAAAATGA AGAAAAACA AATGTTAATA TGCTGTACAA AAAAAATAGA
GAAGAATTAG AAAGGAAAGA GAAACAATAT AAGAAAGAAG TTGAAGCAA ACAACTTGAA
CCAACTGTTC AGTCACTAGA GATGAAATCA AAGACTGCAA GAAATACTCC AAATTGGGAT
TTTCATAATC ATGAAGAAAT GAAAGGTCTG ATGGATGAAA ATTGCATTTT GAAGGCAGAT
ATTGCTATAC TCAGACAGGA AATATGTACA ATGAAAAATG ACAACTTGGA AAAAGAAAA
AAATATCTTA AGGACATTAA AATTGTTAAA GAAACAAATG CTGCCCTTGA AAAGTATATA
AAACTCAATG AGGAAATGAT AACAGAAACA GCATTCCGGT ATCAACAAGA GCTTAATGAT
CTCAAGGCTG AGAATACAAG GCTCAATGCC GAACTGTTGA AGGAAAAAGA AAGCAAGAAA
AGACTGGAAG CTGACATTGA ATCTTATCAG TCTAGACTGG CTGCTGCTAT AAGCAAACAC
AGTGAAAGTG TGAAAACAGA AAGAAACCTA AAAGTCTT TAGAGAGAAC ACGAGATGTT
TCTGTACAAG TAGAAATGAG TTCTGCTATT TCCAAAGTAA AAGCTGAGAA TGAGTTTCTT
ACTGAACAAC TTTCTGAAAC ACAAATTAAT TTCAATGCCT TAAAAGATAA GTTCCGTAAG
ACAAGAGATA GTCTCAGAAA AAAGTCATTG GCTTTAGAAA CTGTACAAAA CGACCTAAGC
CAAACACAGC AGCAAACACA GGAAATGAAA GAGATGTATC AAAATGCAGA AGCTAAAGTG
AATAATTCCA CTGGAAAGTG GAACTGTGTA GAAGAGAGGA TATGTCACCT CCAACGTGAA
AATGCGTGGC TTGTACAGCA ACTAGATGAC GTTCATCAGA AAGAGGATCA TAAAGAGATA
GTAACATAA TCCAAAGAGG CTTTATTGAG AGTGGAAGA AAGACCTCGT GCTAGAAGAG
AAAAGTAAGA AGCTAATGAA TGAATGTGAT CATTAAAAAG AAAGTCTCTT TCAGTATGAG

Product Details

AGAGAGAAAA CAGAAGGAGT AGTAAGTATC AAGGAAGATA AATATTTTCA AACTTCTAGA
AAGACAATTT AA

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: ANKRD20A1

Alternative Name: ANKRD20A1 ([ANKRD20A1 Products](#))

Gene ID: 84210

NCBI Accession: [NM_032250](#)

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.

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Handling

Expiry Date: 12 months

Publications

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