

Datasheet for ABIN4920903

Human ZNF654 ORF Clone in Mammalian Expression Vector (DYKDDDDK Tag)

Overview

Quantity:	10 µg
Gene:	ZNF654
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 ZNF654 with C terminal DYKDDDDK tag is ideal for express proteins in E.coli & mammalian cells.
Brand:	GenEZ™
Insert Length:	1746 bp
Vector Backbone:	pcDNA3.1+C-(K)-DYK
Promoter:	CMV Promoter
Selectable Marker:	Neomycin
Bacterial Resistance:	Ampicillin
Expression Type:	Transient, Stable
Sequence:	ATGTTATGTA ACAAGGAATT TTTAGGTGGT CACATTGTAA GGCATGCCCA GGCTCATCAG AAAAAAGGCA GTTTTGCATG TGTAATATGT GGTAGGAAAT TTAGAAACAG AGGACTTATG CAGAAGCATT TGAAGAATCA TGTTAAGAAG ATACAGAGGC AGCAAATTGC TGCAGCTCAA CAGGATGATC AGGAAGTCAC TGCTTTGGAA GAAATAAATT GTTCTAGTTC TTCCATTTCA TTTGAAAATG GGAATTCTGA TAGTAAGGAT TTGGAAGTGG AGACACTTAC TGCTTCTAGT

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Product Details

GAAGGAAACA AAGAAGTCAT CCCTGAGCAT GTGGCTGAAT TCATTGAAAT TCCCATAAGT
GTACCAGAAG ATGTTATTGA AAATGTTATT GAAAATGGCA GTCCTAATAA TTCTTTAAAT
AATGTTTTCA AGCCTTTAAC TGAATGTGGG GATGATTATG AGGAGGAAGA GGATGAAGAA
GGTGATTATG AAGAAGATGA TTATGACCTG AATCAAGAAA CTTCAGTAAT TCATAAAATC
AATGGAAGCTG TGTGCCATCC AAAAGACATA TATGCCACAG ATCAAGAAGG AAACCTTAAG
TGTCTGCTC TTGGTTGTGT CCGGATATTT AAAAGAATTG GGTCTCTAAA TAAACATGCA
ATGACCGTAC ATCCAACCGA TTTAAATGTG CGACAAACAG TAATGAAGTG GAGCAAAGGA
AAATGCAAAT TTTGTCAAAG GCAATTTGAA GATTCTCAAC ATTTTATAGA CCACCTTAAT
AGACATAGCT ATCCAAATGT GTATTTTTGT TTGCATTTTA ATTGCAACGA GTCGTTTAAG
CTGCCGTTCC AGCTTGCCCA GCACACAAAA AGTCACAGGA TATTTTCAGGC TCAGTGTAGT
TTCCAGAAT GCCATGAGCT TTTTGAAGAT CTTCTCTGC TGTATGAACA TGAAGCTCAA
CACTATTTAA GTAAAACACC AGAGTCATCT GCACAACCAA GTGAAACAAT TCTTTGGGAT
GTTTCAGACAG ACTCAAATCC TAATCAGGAA AAAGACTCAT CTAGTAATGA GAAACAACT
ATTAGTCTGC CAGTTTCTAC TAGCAAATCA AGGAAAGAGT CTACAGAACC AAAGACATGT
ATAGAAAGTA TGGAAAAGAA AACAGACAGT TTAGTTCAGA ATGGAAACGA ACGTTCTGAT
GACACTGTTT CAAATATAAG CTTGATAGAC CAAAAGATGC CTGACATAGA GCCAAATTCT
GAAAATAATT GTAGTAGTAG TGATATAGTC AATGGACACA GTGAAATAGA GCAAACACCT
TTAGTTTCAT CAGATCCTGC TTTGAAAATT GATACAAAACA GAATCAGGAC AGAAAATGGT
TCCATTTTGC CCAGTGTGT ACCACAAGAA CACAACACCT TGCCAGTATC TCAGGCACCT
TCCAAACCAA ATCTGACAAG TGAACATACT TCATATGGCT TAATTTAAC AAAACCATAC
GTCAGACCAT TGCCTCCAG TTACCTTGAT GAACGGTATC TTAGTATGCC AAAACGCAGA
AAATTTCTGA CTGATAGAGT AGATGCCTGT TCTGATCAAG ATAACGTGTA TAAAAATCA
GTGAAAAGAT TAAGATGTGG CAAATGCCTG ACCACCTACT GTAATGCAGA AGCACTTGAG
GCTCATCTTG CACAAAAGAA ATGTCAGACA CTCTTTGGAT TTGATTCAGA TGATGAAAGT
GCCTGA

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.

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Target Details

Gene:	ZNF654
Alternative Name:	ZNF654 (ZNF654 Products)
Gene ID:	55279
NCBI Accession:	NM_018293

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Storage:	RT/-20 °C
Storage Comment:	<ul style="list-style-type: none">• 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)
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