

Datasheet for ABIN4920637

Human ARPC4-TTLL3 ORF Clone in Mammalian Expression Vector (DYKDDDDK Tag)

Overview

Quantity:	10 µg
Gene:	ARPC4-TTLL3
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 ARPC4-TTLL3 with C terminal DYKDDDDK tag is ideal for express proteins in E.coli & mammalian cells.
Brand:	GenEZ™
Insert Length:	1878 bp
Vector Backbone:	pcDNA3.1+C-(K)-DYK
Promoter:	CMV Promoter
Selectable Marker:	Neomycin
Bacterial Resistance:	Ampicillin
Expression Type:	Transient, Stable
Sequence:	ATGACTGCCA CTCTCCGCC CTACCTGAGT GCCGTGCGGG CCACATTGCA GGCTGCCCTC TGCTGGAGA ACTTCTCCTC CCAGGTTGTG GAACGACACA ACAAGCCGGA AGTGGAAAGTC AGGAGTAGCA AAGAGCTCCT GTTACAACCT GTGACCATCA GCAGGAATGA GAAGGAAAAG GTTCTGATTG AGGGCTCCAT CAACTCTGTC CGGGTCAGCA TTGCTGTGAA ACAGGCTGAT

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GAGATCGAGA AGATTTTGTG CCACAAGTTC ATGCGCTTCA TGATGATGCG AGCAGAGAAC
TTCTTTATCC TTCGAAGGAA GCCTGTGGAG CAGAAGAAGA TCTTTACAAT CCAAGGCTGC
TACCCGGTGA TCCGGTGTCT CTTGCGCCGG AGGGGCTGGG TGGAGAAGAA GATGGTCCAT
CGCTCAGGCC CCACCCTGCT GCCACCCAG AAGGATCTGG ATAGCTCAGC GATGGGTGAC
AGTGACACCA CTGAGGATGA GGATGAAGAT GAGGACGAGG AGTTCCAGCC ATCACAGCTG
TTCGACTTCG ATGATTTACT GAAATTTGAT GACCTAGATG GAACACATGC TCTGATGGTG
GGTCTATGTC TCAATCTCCG GAATTTGCCG TGTTTTGATG AGTTTATGTC CAACTCCTTC
TTCCCACGCT GCTACTGCCT GGGGGCTGAG GATGACAAAA AAGCCTTCAT AGGAGACAAG
CAGCCCAAGA AACAGGAGAA AAACCCAGTG TTGGTGTCCC CAGAGTTTGT GGATGAAGCT
CTGTGTGCGT GCGAGGAGTA CCTTAGCAAC TTGGCCACACA TGGACATCGA CAAGGACCTG
GAGGCCCCGC TGTACCTCAC CCCCAGGGC TGGTCCCTCT TCCTCCAGCG CTACTIONCAA
GTGGTCCACG AAGGGGCAGA ACTCAGGCAC CTCGACACTC AGGTCCAGCG CTGTGAGGAC
ATCCTGCAGC AGCTGCAGGC CGTGGTACCC CAGATAGACA TGGAAGGGGA TCGCAACATC
TGGATCGTGA AGCCAGGAGC CAAGTCCCGC GGACGAGGCA TCATGTGCAT GGACCACCTG
GAGGAGATGC TGAAGCTGGT GAACGGCAAC CCCGTGGTGA TGAAGGACGG CAAGTGGGTG
GTGCAGAAGT ATATTGAGCG GCCCTCCTC ATCTTTGGCA CCAAGTTTGA CCTCAGACAG
TGTTTCTGG TAACTGACTG GAACCCACTT ACCGTGTGGT TCTACCGCGA CAGCTATATC
CGCTTTTCCA CGCAGCCCTT CTCCCTGAAG AACCTGGACA ACTCAGTGCA CCTGTGCAAC
AACTCCATCC AGAAGCACCT GGAGAACTCA TGCCATCGGC ATCCACTGCT TCCGCCAGAC
AACATGTGGT CTAGCCAGAG GTTCCAGGCC CACCTGCAGG AGATGGGTGC CCCAAATGCT
TGGTCCACCA TCATCGTGCC TGGCATGAAG GATGCTGTGA TCCACGCACT TCAGACCTCC
CAGGACACCG TGCAGTGTCG GAAGGCCAGC TTTGAGCTCT ATGGCGCTGA CTCGTGTTC
GGGAGGACT TCCAGCCCTG GCTGATTGAG ATCAACGCCA GCCCCACGAT GGCACCCTCC
ACAGCAGTCA CTGCCCGGCT CTGTGCTGGC GTGCAAGCTG ACACCCTGCG CGTGGTCATT
GACCGGATGC TGGACCGCAA CTGTGACACA GGAGCCTTTG AGCTCATCTA TAAGCAGCCC
GTCACCACTT CCCAGCCTC CACACCAAGG CCCAGCTGCC TTCTCCCAT GACTCCGAC
ACCAGGGCCA GGTCCTCAGA CGACAGCACA GCAAGCTGGT GGGCACTAAG GCCCTGTCTGA
CCACAGGCAA GGCCTTGA

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'

Product Details

- 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: ARPC4-TTLL3

Alternative Name: ARPC4-TTLL3 ([ARPC4-TTLL3 Products](#))

Background: This locus represents naturally occurring read-through transcription between the neighboring ARPC4 (actin related protein 2/3 complex, subunit 4) and TTLL3 (tubulin tyrosine ligase-like family, member 3) genes. The read-through transcript encodes a fusion protein that shares sequence identity with each individual gene product. [provided by RefSeq, Nov 2010].

Gene ID: 100526693

NCBI Accession: [NM_001198793](#)

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, (

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