

Datasheet for ABIN4933096

Human ARHGEF35 ORF Clone in Mammalian Expression Vector (DYKDDDDK Tag)

Overview

Quantity:	10 µg
Gene:	ARHGEF35
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 ARHGEF35 with C terminal DYKDDDDK tag is ideal for express proteins in E.coli & mammalian cells.
Brand:	GenEZ™
Insert Length:	1455 bp
Vector Backbone:	pcDNA3.1+C-(K)-DYK
Promoter:	CMV Promoter
Selectable Marker:	Neomycin
Bacterial Resistance:	Ampicillin
Expression Type:	Transient, Stable
Sequence:	ATGGAGGCTG AGGAGGCCCA GCATGGAGCC TCTCCTCCCA TCTCTGCCAT AGAGGAATTC AGCATTATCC CTGAGGCTCC CATGAGGAGC AGCCAGGTCT CTGCCTTGGG GCTTGAAGCT CAAGAAGATG AGGACCCATC CTATAAGTGG AGAGAGGAAC ACAGACTCTC AGCAACTCAG CAGAGTGAGT TAAGGGATGT GTGTGACTAT GCGATTGAGA CGATGCCCTC TTTTCCCAAG

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Product Details

GAAGTTCTG CAGATGTGGA GCCCAATCAG GAAAGCCTTG TGGCTGAGGC CTGTGACACT
CCGGAACACT GGGAGGCAGT ACCCCAGAGC CTAGCAGGCC GACAAGCAAG GACTCTAGCT
CCCCCAGAGC TCTGGGCCTG CCCCATTCAG AGTGAGCATC TAGACATGGC CCCATTTTCC
AGTGACCTGG GAAGCGAAGA AGAGGAGGTG GAATTTTGGC CAGGACTTAC TTCTTTGACA
TTGGGATCTG GACAGGCAGA AGAAGAAGAG GAAACCTCTT CAGATAACTC TGGTCAGACC
AGATATTATT CTCCCTGCGA AGAGCATCCT GCAGAGACCA ACCAGAATGA AGGCGCTGAA
AGTGGGACTA TCAGGCAGGG GGAAGAGCTG CCATCTGAGG AGCTGCAGGA AAGTCAAGGG
CTCTTGCATC CCCAGGAGGT CCAAGTTCTG GAGGAGCAGG GACAGCAGGA AGCAGGATTT
CGGGGGGAAG GAACTCTGAG GGAGGATGTT TGTGCCGATG GGCTATTAGG GGAGGAACAG
ATGATAGAGC AGTTAATGA TGAAAAGGGA GAACAGAAGC AAAAACAGGA ACAGGTACAA
GATGTGATGC TTGGGAGACA AGGAGAAAGA ATGGGGCTCA CTGGGGAGCC AGAGGGTCTG
AATGACGGTG AGTGGGAGCA GGAGGATATG GAGAGGAAGG CTCAGGGTCA GGGAGGTCCA
GAACAGGGAG AAGAGAGGAA GAGGGAGCTG CAGGTGCCAG AAGAGAACAG GGCGGACTCT
CAGGACGAAA AGAGTCAAAC CTTTTTGGGA AAATCAGAGG AAGTAACTGG AAAGCAAGAA
GATCATGGTA TAAAGGAGAA AGGGGTCCCA GTCAGCGGGC AGGAGGCGAA AGAGCCAGAG
AGTTGGGATG GGGGCAGGCT GGGGGCAGTG GGAAGAGCGA GGAGCAGGGA AGAGGAGAAT
GAGCATCATG GGCCTTCAAT GCCCGCTCTG ATAGCCCCTG AGGACTCTCC TCACTGTGAC
CTGTTTCCAG GTGCCTCATA TCTCGTGA CTGATTCCCG GGA CTGAGAC AGAGTCCAGG
GCTGAGGAAC TGTCCCCCGC AGCTCTGTCT CCCTTGCTAG AGCCCATCAG ATGCTCTCAC
CAGCCCATTT CTCTACTGGG CTCCTTTTTG ACTGAGGAGT CACCTGACAA GGAAAACTT
CTATCAGTAC TTTGA

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: ARHGEF35

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Target Details

Alternative Name: ARHGEF35 ([ARHGEF35 Products](#))

Gene ID: 445328

NCBI Accession: [NM_001003702](#)

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)