

Datasheet for ABIN4920658

Human ARHGAP11B ORF Clone in Mammalian Expression Vector (DYKDDDDK Tag)

Overview

Quantity:	10 µg
Gene:	ARHGAP11B
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 ARHGAP11B with C terminal DYKDDDDK tag is ideal for express proteins in E.coli & mammalian cells.
Brand:	GenEZ™
Insert Length:	804 bp
Vector Backbone:	pcDNA3.1+C-(K)-DYK
Promoter:	CMV Promoter
Selectable Marker:	Neomycin
Bacterial Resistance:	Ampicillin
Expression Type:	Transient, Stable
Sequence:	ATGTGGGATC AGAGGCTGGT GAAGTTGGCC CTGTTGCAGC ATCTGCGGGC CTTCTATGGT ATTAAGGTGA AGGGTGTCCG TGGGCAGTGC GATCGCAGGA GACATGAAAC AGCAGCCACG GAAATAGGGG GTAAAATATT TGGAGTACCT TTTAATGCAC TGCCCCATTC TGCTGTACCA GAATATGGAC ACATTCCAAG CTTTCTTGTC GATGCTTGCA CATCTTTAGA AGAACATATT

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Product Details

CATACCGAAG GGCTTTTTTCG GAAATCAGGA TCTGTGATTC GCCTAAAAGC ACTAAAGAAT
AAAGTGGATC ATGGTGAAGG TTGCCTATCT TCTGCACCTC CTTGTGATAT TGCGGGACTT
CTTAAGCAGT TTTTATAGGA ACTGCCAGAG CCCATTCTCC CAGCTGATTT GCATGAAGCA
CTTTTGAAAG CTCAACAGTT AGGCACAGAG GAAAAGAATA AAGCTATACT GTTGCTCTCC
TGTCTTCTGG CTGACCACAC AGTTCATGTA TTAAGATACT TCTTTAACTT TCTCAGGAAT
GTTTCTCTTA GATCCAGTGA GAATAAGATG GATAGCAGCA ATCTTGCACT AATATTTGCA
CCAAATCTTC TTCAGACAAG TGAAGGACAT GAAAAGATGT CTTCTAACGC AGAAAAGAAG
GGCGTGTACC AGACTTTATC CTGGAAAAGA TACCAGCCAT GTTGGGTATT GATGGTCTCT
GTGCTACTCC ATCACTGGAA GGCTTTGAAG AAGGTGAATA TGAAACTCCT GGTGAATATA
AGAGAAAGAG AAGACAACGT 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: ARHGAP11B

Alternative Name: ARHGAP11B ([ARHGAP11B Products](#))

Gene ID: 89839

NCBI Accession: [NM_001039841](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

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Handling

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)