

Datasheet for ABIN4920660

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

Overview

Quantity:	10 µg
Gene:	ARGFX
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 ARGFX with C terminal DYKDDDDK tag is ideal for express proteins in E.coli & mammalian cells.
Brand:	GenEZ™
Insert Length:	948 bp
Vector Backbone:	pcDNA3.1+C-(K)-DYK
Promoter:	CMV Promoter
Selectable Marker:	Neomycin
Bacterial Resistance:	Ampicillin
Expression Type:	Transient, Stable
Sequence:	<p>ATGAGGAACA GAATGGCCCC AGAGAATCCC CAGCCAGACC CTTTCATCAA TAGGAATTAT</p> <p>TCCAACATGA AGGTGATACC ACCACAGGAT CCAGCTAGTC CCAGTTTCAC TCTGTTATCC</p> <p>AAGCTGGAGT GCAGTGGCAC GGTCTCGGCT TACTGCAGCC TCAACCTCCC AGGTTCAACT</p> <p>GATCCTCCCA CCTCAGCCTC CCGAGTAGCT GCGACTACAG CAATACGGAG AAGGCATAAA</p> <p>GAACGTACTT CTTTCACCCA CCAACAGTAT GAGGAGCTAG AAGCTCTGTT TAGCCAGACC</p>

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Product Details

ATGTTCCCAG ATAGAAATCT TCAGGAGAAA CTAGCTTTGA GACTCGACCT ACCGGAGTCA
ACAGTAAAGG TTTGGTTCAG GAACCGGCGA TTCAAATTGA AGAAGCAGCA GCAGCAGCAA
TCAGCAAAGC AACGAAACCA GATCCTTCCA TCCAAGAAGA ATGTGCCAC CTCCCCAGA
ACATCCCCCA GTCCTTATGC TTTTCTCCT GTGATTTTTCAG ATTTCTACAG CTCCCTTCCA
TCTCAGCCCT TAGACCCTTC CAATTGGGCA TGGAACTCTA CCTTCACTGA GAGTTCTACC
AGTGACTTCC AAATGCAAGA TACTCAGTGG GAGAGGCTGG TGGCCTCGGT TCCTGCTTTG
TACTCTGATG CCTATGACAT ATTCCAAATC ATAGAAGTGT ACAATCTTCC TGATGAGAAT
GAGATATCCA GCTCTTCTTT CCACTGTCTG TATCAGTATC TCTCACCCAC AAAGTACCAG
GTAGGAGGAC AGGGTTCTC TCTCAGCATC TTTGCTGGTC CAGCTGTAGG CCTATCTCCT
GCACAAACCT GGCCCAATAT GACAAGCCAA GCCTTTGAAG CCTACAGTCT AACAGATAGC
CTGGAATTCC AGAAAACCTC CAATATGGTA GACTTGGGAT TTCTCTGA

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: ARGFX

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

Background: Homeobox genes encode DNA-binding proteins, many of which are thought to be involved in early embryonic development. Homeobox genes encode a DNA-binding domain of 60 to 63 amino acids referred to as the homeodomain. This gene is a member of the ARGFX homeobox gene family. [provided by RefSeq, Jul 2008].

Gene ID: 503582

NCBI Accession: [NM_001012659](#)

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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)