

Datasheet for ABIN4932492

Human C12ORF71 ORF Clone in Mammalian Expression Vector (DYKDDDDK Tag)

Overview

Quantity:	10 µg
Gene:	C12ORF71
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 C12orf71 with C terminal DYKDDDDK tag is ideal for express proteins in E.coli & mammalian cells.
Brand:	GenEZ™
Insert Length:	810 bp
Vector Backbone:	pcDNA3.1+C-(K)-DYK
Promoter:	CMV Promoter
Selectable Marker:	Neomycin
Bacterial Resistance:	Ampicillin
Expression Type:	Transient, Stable
Sequence:	ATGGCATATT CATCCTCTAA CAGCGACATA GAGGACGACA GCTCCAAATC CAATTCCAAC CTGAGCCTCT CTGTGGGCTA TTTCCCCTGT GAGGACACCC CCTGTGAGGA CACAACCTCC TGGGAAGATG CACCTTCCAA GGGTCCTTCC ATCCAATTTT TGCTCCCGT CCAAGGGGCA TGGGGGACTG AAAGGATAGG GAGACGCATG AAGAGACAAG ACCAAATTCA GGATGAACCA

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Product Details

GAGCAGTTTT GCAAATAAG CATCTTCCTG GCCTGGGACG TGGACATTGG CTCCGATAAC
ACAGACTCAA GAGCTAATAG GCTTCTAAAT GGAGACAACC TGTGGATAGA CAAGTTACCA
AAAGAGAGAA CAAAAGTGC TGTTGGCAA CTGAATAATC TTGTGCAAGA GTTTCAGATA
TTTCTAGAAA ATCTGAAAGA TGATGACGCT GTATTTCTG AACTGCTCA GCAAGATTTC
CAGCTATCCA GCGGCTCCCC TCCGGAAATG GTTCAGATGA TAAGCCAGGC AACCGCCAGC
CAAAGGACAA GCGCTCCAGA GATCTCCTCA ATCCTGTCAG AGCAGCCAGA GAAGGATGAC
ACTCCTTAC ACACACAGGC CCAGTGCTGC CTGAACTTTG GGTGGGCCTT CAGCTGGCTG
AGGCAGCGTA TCCTCCCCTC TCTGCTGAGG AGGGATCACC CTGTGAATGC CACCAAAAGT
CCCCATCGGT CAGCACCAAC GAAAAGACTC TTTCACAGAG GCAAGAGAAT TCAACCTCAA
GAAACCCTTG AATTAGGACA TCCCATATAG

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:	<ul style="list-style-type: none">• 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:	C12ORF71
Alternative Name:	C12orf71
Gene ID:	728858
NCBI Accession:	NM_001080406

Application Details

Restrictions:	For Research Use only
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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)