

Datasheet for ABIN4932172

Human C7ORF72 ORF Clone in Mammalian Expression Vector (DYKDDDDK Tag)

Overview

Quantity:	10 µg
Gene:	C7ORF72
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 C7orf72 with C terminal DYKDDDDK tag is ideal for express proteins in E.coli & mammalian cells.
Brand:	GenEZ™
Insert Length:	1317 bp
Vector Backbone:	pcDNA3.1+C-(K)-DYK
Promoter:	CMV Promoter
Selectable Marker:	Neomycin
Bacterial Resistance:	Ampicillin
Expression Type:	Transient, Stable
Sequence:	ATGGATGTAG AAATTCAGGA CACACCTGGA AAGATAAGTA TCTCTAAAAG GTCCATCCTT TCAGGAACTG TTGAGAATAT AGATTACCCA CACTATTGTG ATCTCTTAAG AAAAATGAAC ATGCCTTTTG TGAAAGGTCT TGAGAACAGA CATAACTATG GCAGGTTTGA AAAGAAATGC AACCCTGCTT TTCTTAAATT TCACCCTTAT CCCCCTTCAG TTTTGCCAGA CTATCATTTA

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Product Details

CATGATCCTT ATCCCCACC ATATGGGCCA CATTATCCAT TATTTCCACT TCGGGATGAT
GTGACCTTAG GTGATTCCTG TTCAGGGTTT ATGAGTCCTG GTGGTGATGC TGATTAAAT
CCTGGCATTG GCAGAACCAT ACCAACCCCTA GTGGATTTTA GTGATGTGAA ACCTCAACAT
CGAGTTCCCA GACCAGACAC AGGATTTCAA ACAACAATAA AAAGGCCAAA AATTCTATCA
GAAGAACTGC AACAGAACAG GAGATGGAAT TCCAGGGAAG TACCAGACAT TTCTATCAGA
GCAAGACTTG GAGGTTGGAC AAGCCCTCTG AAAGTTACTC CCTTACAACC TCATCATGAA
GGACGCTCAT TAAGTCACAT ATTTACATTT GATGAGGAGG CAACATGTAC AGATGAAGGT
GAACCACTTG TTCAAACAAA CAAGAAATGT AATGCAAAGG ACTCATTTTA CAAGTCCTCT
ACACAAAAAG CTTATGAAGA TGTTCCCTGG GATAAGATGC TACCACAAA ACTTGTTCCA
GAAGAAACAA CATTGAAAA AGCCGCTGAC CCCATCTCAC AGTGTTTTAC TCTGAAAAGA
TATAAAGGGG TGCCAGCAAT AACTCAGATG GTTGGTGAGC TCTGGGACAG ATTTCAAACA
AGATCTTTCT TGGCACCAGT CAAACCAATT AATTTTGTGA GTTCAAGTTC TAGAAGTAAA
TATATTCCTC TCTATACTGG TCATGTGCAG TCTACAAATG CTGATGATGT TGACAACCCC
TTGGGAGACA TCGCATCGCT AGCCAAGCAG CGGTACTCTA AGCCTCTTTA TACAAACACA
AGTCGTGCTG CAAATATTCC AGGATATAACC GGCAAGGTTC ATTTACAGC CACCCACCCA
GCAAATTCTA ATATTCCATC AACAACCCCA TCACCAGATT CAGAAGTCA CCGCGTCTTC
CAGAAAGAAA TGGCAGTTGA CCTCTTCCGT CACCAGGCTC CCCTGTCTCG ACTGGTCACA
ACTGTGAGAC CCTACAACCC TTTCAACAAG AAGGACAAAG AAACCATAGA CTACTAG

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: C7ORF72

Alternative Name: C7orf72 ([C7ORF72 Products](#))

Gene ID: 100130988

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Target Details

NCBI Accession: [NM_001161834](#)

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)