

Datasheet for ABIN4941076

Human C2ORF27A ORF Clone in Mammalian Expression Vector (DYKDDDDK Tag)

Overview

| | |
|--------------|-----------------------------|
| Quantity: | 10 µg |
| Gene: | C2orf27A |
| 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 C2orf27A with C terminal DYKDDDDK tag is ideal for express proteins in E.coli & mammalian cells. |
| Brand: | GenEZ™ |
| Insert Length: | 612 bp |
| Vector Backbone: | pcDNA3.1+C-(K)-DYK |
| Promoter: | CMV Promoter |
| Selectable Marker: | Neomycin |
| Bacterial Resistance: | Ampicillin |
| Expression Type: | Transient, Stable |
| Sequence: | ATGACAGTCA AGTGGAAACA ACTGTCTGCT CCTGCTTCAG GTGCAGAAAT ACAGCGATTT CCAGTGCCAG CTGTTGAGCC AGTGCCAGCA CCAGGGGCAG ATTCCCCTCC AGGGACAGCG CTGGAGCTAG AGGAAGCTCC AGAGCCCTCC TGCCGCTGCC CTGGGACTGC CCAGGACCAG CCCAGTGAGG AGCTGCCTGA CTTTCATGGCA CCTCCTGTAG AGCCACCGGC CTCAGCCCTG |

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Product Details

GAGCTGAAAG TGTGGCTGGA GCTAGAGGTG GCAGAGAGGG GTGGCCAGCA CAGCTCCAGC
CAGCAGCTCC CACACTGCTC CCAGTCCTGG GCACAGTGGA AGCTATGGAG GCAGAGACCA
GGGTTTGCAA TCTGGGCTCC TCTGCCTCAC TGGAGAGGGA CTTCTCTCAT TCAGCAGAGC
AGCAGCCCTG CTGCTGAAGG GCCTGCTGCT ACTGCTGCTG GGGCTGTTTG CCTGCCTGCA
GGAGGTGCTG GAGAGCAAGA AAAGGAGCCT GTGAGCAGGG GTTCCAGCAG GTCCTCCTGC
TCCCAGAGGC GACCTCCTCC TCCAGGCATG GAGGTTTGCC CTCAGCTGGG CATCTGGGCC
ATTTGCCCT AA

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: C2orf27A

Alternative Name: C2orf27A ([C2orf27A Products](#))

Gene ID: 29798

NCBI Accession: [NM_013310](#)

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.

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Handling

- 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)