

Datasheet for ABIN4932262

Human C2ORF81 ORF Clone in Mammalian Expression Vector (DYKDDDDK Tag)

Overview

Quantity:	10 µg
Gene:	C2ORF81
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 C2orf81 with C terminal DYKDDDDK tag is ideal for express proteins in E.coli & mammalian cells.
Brand:	GenEZ™
Insert Length:	1767 bp
Vector Backbone:	pcDNA3.1+C-(K)-DYK
Promoter:	CMV Promoter
Selectable Marker:	Neomycin
Bacterial Resistance:	Ampicillin
Expression Type:	Transient, Stable
Sequence:	ATGGAGATGC AGTCACCTAT TGTCCAGAGG CAGGAGAGGC AGGTCCGAGA CCGCGGGGTG ACCCGGTCCA AGGCGGAAAA AGTGC GGCCG CCCACTGTGC CAGTGCCGCA GGTGGATATT GTGCCTGGGC GGCTCAGTGA GGCCGAGTGG ATGGCGCTTA CAGCCCTCGA GGAGGGCGAG GACGTCGTAG GGGACATCTT GGCCGACTTG CTGGCTCGAG TCATGGACTC TGCTTTCAAA

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GTCTACCTGA CTCAGCAGTG CATTCCATTC ACCATCAGCC AGGCCCGGGA GGCCATGCTG
CAGATCACCG AGTGGCGCTT CCTGGCCCCG GACGAGGGAG AATCTGCAGT AGCTGAGGAC
CCCACATGGG GTGAGGACGA GGAGCCTTCG GCATGCACGA CGGACTCCTG GGCTCAGGGT
TCAGTGCCCG TGCTGCACGC GTCCACCTCG GAGGGCCTGG AGAACTTCCA AGGCCAAGAC
CCTGGGGGCG TGGACCGGAT CCCTTTAGGA AGGTCGTGGA TGGGTCGAGG CTCCCAGGAG
CAGATGGAAT CTTGGGAGCC TTCTCCGCAG CTGAGAGTCA CGTCGGCCCC TCCTCCCACA
TCAGAGCTGT TTCAGGAGGC AGGGCCCCGA GGTCTGTAG AGGAAGCGGA CGGCCAGTCT
AGAGGCCTCT CCTCGGCCGG GTCCTTGAGC GCGAGCTTCC AACTGTCCGT GGAGGAGGCG
CCTGCCGACG ATGCCGACCC TTCTCTGGAT CCGTACCTGG TAGCCAGCCC CCAGGCCTCA
ACTGGGAGGG GACACCCCT CGGCTTCCAT TTGTGCTTGG AAGACCTCTA CTGTTGCATG
CCTCAACTGG ACGCGGCTGG GGATCGGCTG GAACTCAGGT CAGAGGGGGT GCCCTGCATC
GCCTCGGGCG TGTTGGTGTC CTACCCCTCT GTGGGCGGCG CCACCCGCC CTCCGCGTCC
TGCCAGCAGC AGCGGGCCGG GCACTCGGAT GTGCGGCTGA GCGCCACCA CCACAGGATG
CGCCGAAGG CGGCCGTGAA ACGCCTGGAC CCTGCGAGGC TCCCGTGCCA CTGGGTGCGC
CCTCTGGCTG AGGTCCTGGT CCCAGACTCT CAAACACGCC CTTGGAAGC CTACCCGCGA
CGCCAGCGGG GCGAGAAGAC CAAGGCCCGG GCCGAACCCC AAGCCCTCGG CCCCAGCACC
CGTGTCTCCC CGGCAGCGTT CTTCCCTCTC CGGCCAGGCA TTCCTTCCG TGAATTGGAC
TCGGGCCCG CACTCCTGTT CCCCACTTTA AATTTAGGCC TATCGTCGCC ATCCCTCGAG
TCAAAGCTGC CACTCCAAA CTCCAGGATC CGCTTCCTCA CCACACACCC GGTGCTCCCT
GATGTGGCCC GCAGCCGCAG CCCCAAGCTG TGGCCCAGTG TCAGGTGGCC CAGCGGTTGG
GAGGGGAAGG CCGAGCTGCT GGGCGAGCTG TGGGCTGGCC GGACCCGCGT GCCTCCACAG
GGTCTGGAGC TGGCAGACAG GGAGGGCCAG GATCCTGGCA GATGGCCTCG AACACACCCC
CCGGTCCTTG AAGCCACTTC CCAGGTGATG TGAAGCCCG TGTTGCTGCC AGAAGCCCTG
AAGCTGGCCC CTGGTGTGAG CATGTGGAAC CGGAGCACCC AGGTGTTGCT CAGCTCTGGT
GTGCCTGAAC AAGAGGACAA AGAAGGTAGC ACCTTTCCTC CCGTTGAGCA ACATCCCATC
CAGACAGGTG CCCCAAAGCC CAGGTGA

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

Product Details

Components: The GenEZ ORF clone is delivered as 10 µg of lyophilized plasmid DNA in a vial.

Target Details

Gene: C2ORF81

Alternative Name: C2orf81

Gene ID: 388963

NCBI Accession: [NM_001145054](#)

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)