

Datasheet for ABIN4932558

Human C10ORF11 ORF Clone in Mammalian Expression Vector (DYKDDDDK Tag)

Overview

Quantity:	10 µg
Gene:	C10ORF11
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 C10orf11 with C terminal DYKDDDDK tag is ideal for express proteins in E.coli & mammalian cells.
Brand:	GenEZ™
Insert Length:	597 bp
Vector Backbone:	pcDNA3.1+C-(K)-DYK
Promoter:	CMV Promoter
Selectable Marker:	Neomycin
Bacterial Resistance:	Ampicillin
Expression Type:	Transient, Stable
Sequence:	ATGGAAGAGT ATTTGTCACT CAGCGGCAAT CATTCTTCAA ATAAAAGGTC ACTGGAAGGA CTGAGCGCAT TCAGGAGCCT GGAGGAACTC ATCTTGGACA ACAATCAGCT GGGGACGAC CTTGTGTTGC CAGGGTTACC CAGACTGCAT ACCTTAACCC TCAACAAGAA CCGAATCACT GATTTGGAGA ACCTGCTGGA TCACTTGGCA GAAGTGACAC CAGCTCTGGA GTACCTCAGT

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Product Details

CTGCTGGGCA ACGTGGCCTG TCCCAACGAG CTGGTCAGCT TGGAAAAGGA TGAGGAAGAC
TACAAGAGAT ACAGATGCTT TGTTCTGTAC AAGCTGCCCA ACTTGAAATT TCTGGATGCC
CAGAAAGTAA CCAGACAAGA ACGAGAGGAG GCGTTGGTCA GAGGAGTCTT CATGAAGGTG
GTGAAGCCCA AGGCTTCTAG TGAGGACGTT GCCAGCTCCC CGGAGCGCCA CTACACGCC
TTGCCTTCTG CTTCCAGGGA ACTCACCAGT CACCAAGGTG TCCTGGGGAA GTGTCGCTAC
GTTTACTATG GGAAAACTC AGAGGGCAAC AGGTTTATCC GAGATGACCA GCTCTGA

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: C10ORF11

Alternative Name: C10orf11

Background: This gene encodes a leucine-rich repeat protein. The encoded protein is thought to play a role in melanocyte differentiation. Mutations in this gene have been associated with autosomal recessive oculocutaneous albinism 7 (OCA7). Alternatively spliced transcript variants have been identified. [provided by RefSeq, Mar 2015].

Gene ID: 83938

NCBI Accession: [NM_032024](#)

Application Details

Restrictions: For Research Use only

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)