

Datasheet for ABIN4932133

Human C9ORF173 ORF Clone in Mammalian Expression Vector (DYKDDDDK Tag)

Overview

Quantity:	10 µg
Gene:	C9ORF173
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 C9orf173 with C terminal DYKDDDDK tag is ideal for express proteins in E.coli & mammalian cells.
Brand:	GenEZ™
Insert Length:	996 bp
Vector Backbone:	pcDNA3.1+C-(K)-DYK
Promoter:	CMV Promoter
Selectable Marker:	Neomycin
Bacterial Resistance:	Ampicillin
Expression Type:	Transient, Stable
Sequence:	ATGATGAATT CTGACCAGAA GGCAGTGAAA TTCCTGGCAA ATTTTACAT CAATGGAGGC AAACACTGGA CCCATGGTCA CCTGAGGCAG ACACAACCAG AGCCCACCCA GCCCAAGGCA TCTGTGCTGT TGTTGGGCCG GGAGCCGGGG ATGGCCTGGG ATGAGACACA GCCCCAAAG ATGAAGGAGA TCCCAGTTGG CCTCAGGTTA CAGACGGGCA CCCCCAGGA GTCCCTGCC

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Product Details

ACCTACACCC AGACCCTGAG GAACTATTG CTGGAGCAAC GCCCCTGAT CACAGCTGAC
CTGGAAGTCC CCAGCCCCAC CAGGTACCAG GTGCCGAGCC CGTCCGTACG AGAGTCCTCC
CCACACCCCC ACTACAGCAT CGGCTGCAAG CACCAGGGCC GAGAGGGCGG TGGCCGCAGG
GCATGGCAGA CTTTGTGGTT CCAGAGCGAA AGCCCCTTCA CGCAGAAAGC TGACTTCGAC
CAAGAGCAAA AGGCCTCTTT GCAGGCACCT GGCAAGAGAT GCCCTGGCCC CAACACCTAC
AATATCCTTC CTGGGAGCCG CCTGCAGAGC CCCCCTCGC CGGCCTTCTC GATGAGCCGC
TCCCCTGCGT TCACCTCCTG GCTCAGCACC TCCTTCTCTT TCGGCAGCCC GAACCCCTGG
CCCAGCCGCC TACCACGTGG AGGACTGCAA CTCACGCTTC CCTTCGGCGC CTGGCGTGGT
CATCCAGGGT GTACGCAGAC CCAAGCGCCA CGACACAGGC CCCTTCTGCA CGCTCTAGAG
CCAGCTGGGC ACAACCTGCT TGGCCCGGCC ACCGAGTGA ACCATGGCCT CCCCCGGGGC
TTTCCCAGGC CTCCCCTGGG ACTTGGGGCC CCAGCCTGGC CTTCTGACCC TCTGGGCACC
CCGATGCACC CTTCTGGCTG GCCAACCTT CTATGGGCTG TGGACAAGGC TGGCCCAGCC
TGGATCCCC ATCTGCCCAT CTCCCCGCTA CACTGA

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: C9ORF173

Alternative Name: C9orf173 ([C9ORF173 Products](#))

Gene ID: 441476

NCBI Accession: [NM_001256700](#)

Application Details

Restrictions: For Research Use only

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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)