

Datasheet for ABIN4932134

## 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:	762 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 ATTTTTACAT CAATGGAGGC AAACACTGGA CCCATGGTCA CCTGAGGCAG ACACAACCAG AGCCCACCCA GCCCAAGGCA TCTGTGCTGT TGTTGGGCCC GGAGCCGGGG ATGGCCTGGG ATGAGACACA GCCCCCAAAG ATGAAGGAGA TCCCAGTTGG CCTCAGGTTA CAGACGGGCA CCCCCAGGA GTCCCTGCC

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## Product Details

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ACCTACACCC AGACCCTGAG GGAACTATTG CTGGAGCAAC GCCCCCTGAT CACAGCTGAC  
CTGGAAGTCC CCAGCCCCAC CAGGTACCAG GTGCCGAGCC CGTCCGTACG AGAGTCCTCC  
CCACACCCCC ACTACAGCAT CGGCTGCAAG CACCAGGGCC GAGAGGGCGG TGGCCGCGAGG  
GCATGGCAGA CTTTGTGGTT CCAGAGCGAA AGCCCCTTCA CGCAGAAAGC TGACTTCGAC  
CAAGAGCAAA AGGCCTCTTT GCAGGCACCT GGCAAGAGAT GCCCTGGCCC CAACACCTAC  
AATATCCTTC CTGGGAGCCG CCTGCAGAGC CCCCCTCGC CGGCCTTCTC GATGAGCCGC  
TCCCCTGCGT TCACCTCCTG GCTCAGCACC TCCCGAACCC CTGGCCCAGC CGCCTACCAC  
GTGGAGGACT GCAACTCACG CTTCCCTTCG GCGCCTGGCG TGGTCATCCA GGGTGTACGC  
AGACCCAAGC GCCACGACAC AGGCCCTTC TGACGCTCT AG

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

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Gene: C9ORF173

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

Gene ID: 441476

NCBI Accession: [NM\\_001256701](#)

## Application Details

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Restrictions: For Research Use only

## Handling

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Format: Lyophilized

Storage: RT/-20 °C

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## Handling

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- 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.
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Expiry Date: 12 months

## Publications

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Product cited in: Johnson, Drugan, Miller, Evans: "38" in: , Vol. 1363, Issue Nucleic acids research, pp. 28-39, (1991)