

Datasheet for ABIN4920918

Human ZNF559-ZNF177 ORF Clone in Mammalian Expression Vector (DYKDDDDK Tag)

Overview

Quantity:	10 µg
Gene:	ZNF559-ZNF177
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 ZNF559-ZNF177 with C terminal DYKDDDDK tag is ideal for express proteins in E.coli & mammalian cells.
Brand:	GenEZ™
Insert Length:	363 bp
Vector Backbone:	pcDNA3.1+C-(K)-DYK
Promoter:	CMV Promoter
Selectable Marker:	Neomycin
Bacterial Resistance:	Ampicillin
Expression Type:	Transient, Stable
Sequence:	ATGGCTGCAG GGTGGCTGAC AACCTGGTCA CAGAACTCAG TAACCTTCCA GGAAGTGGCA GTGGACTTTT CCCAGGAGGA GTGGGCATTG CTGGACCCTG CTCAAAAAAA TCTATACAAA GATGTGATGC TGGAGAACTT TAGGAACCTG GCCTCAGTAG GGTATCAGCT CTGCAGACAC AGTCTGATCT CCAAGGTGGA TCAAGAACAG CTGAAGACAG ATGAAAGAGG AATTTTACAA

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Product Details

GGTGACTGTG CAGACTGGGA AACTCAACTT AAACCAAAG ATACAATTGC TATGCAGAAC
ATTCCTGGGG GAAAAACATC CAATGGCATA AACACGAATC CTCATGGAAG AGAATTCCTG TGA

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: ZNF559-ZNF177

Alternative Name: ZNF559-ZNF177

Background: This locus represents naturally occurring read-through transcription between the neighboring zinc finger protein 559 (ZNF559) and zinc finger protein 177 (ZNF177) genes on chromosome 19. Alternative splicing results in multiple transcript variants, which encode the ZNF177 protein due to either leaky scanning by ribosomes, or absence of the ZNF559 start codon. [provided by RefSeq, Jan 2011].

Gene ID: 100529215

NCBI Accession: [NM_001202425](#)

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.

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Handling

- 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)