Datasheet for ABIN4921020

Human ZNF197 ORF Clone in Mammalian Expression Vector (DYKDDDDK Tag)

Overview

Quantity:	10 µg
Gene:	ZNF197
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 ZNF197 with C terminal DYKDDDDK tag is ideal for express proteins in E.coli & mammalian cells.
Brand:	GenEZ™
Insert Length:	804 bp
Vector Backbone:	pcDNA3.1+C-(K)-DYK
Promoter:	CMV Promoter
Selectable Marker:	Neomycin
Bacterial Resistance:	Ampicillin
Expression Type:	Transient, Stable
Sequence:	ATGACAAGAG AAAATGTAGC CCACAATGCT CTGAGACAAG AGGGCCTTGT GAAGGGGAAG GATGATACCT GGAAATGGGG AACCAGCTTC CAAGGAAGTA GCTCCTCTGT TTGGGAGACC TCCCACCTAC ACTTTAGACA ATTACGTTAC CATGAGACAT CTGGACCCCA GGAAGCCCTG AGCCGGCTCA GGGAACTCTG TCGCCGGTGG CTGAGACCAG AAGCACGCAC CAAGGCACAG ATCCTGGAGC TGCTGGTGCT GGAGCAGTTT CTGAGCATCC TGCCTGGGGA GATTCGGACC

Product Details

	TGGGTACAGC TCCATCACCC TGGAAGTGGC GAGGAGGCTG TGGCCCTGGT AGAGGAGCTG CAGAAAGACC TTGATGGACC AGCAATACAA GTTCCAGTCC TTGTCAAGGA TCAGGACACT CTCCAGAAGG TGGTGAGTGC CCCAGGAACA ACACTTCCTC CTGTACTTCC TGGCAGCCAC ATAGCAGCTG AAATTTGCCC GCATCCTCCT ACTGACCTAG TGGCATTCAA CCTCCAGGAT CCTCAGCATG ATTCTCCTGC CCCTGAAGCT TCTGCCCTTT CCCAGGAAGA GAACCCAAGA AATCAATTAA TGGCACTTAT GCTCCTAACA GCCCAGCCCC AGGAGTTGGT GATGTTCGAG GAGGTGTCAG TATGCTTCAC TTCAGAGGAA TGGGCATGTC TGGGCCCAAT CCAGAGGGCC TTGTACTGGG ATGTGATGCT GGAGAATTAT GGAAATGTGA CCTCCCTAGG TTACAGGAAA TACAGGAGGC AGAGGAACAA ATAA
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:	ZNF197
Alternative Name:	ZNF197 (ZNF197 Products)
Background:	This gene product belongs to the zinc finger protein superfamily, members of which are regulatory proteins characterized by nucleic acid-binding zinc finger domains. The encoded protein contains 20 tandemly arrayed C2H2-type zinc fingers, a Kruppel-associated box (KRAB) domain, and a SCAN box. This transcript turns over rapidly and contains 3' UTR AUUUA motifs, which are often a hallmark of rapid turnover. It is overexpressed in some thyroid papillary carcinomas. This gene is located in a cluster of zinc finger genes at 3p21. Two alternatively spliced transcripts encoding different isoforms have been described. [provided by RefSeq, Jul 2008].
Gene ID:	10168
NCBI Accession:	NM_001024855

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)