Datasheet for ABIN4920873

Human ZNF713 ORF Clone in Mammalian Expression Vector (DYKDDDDK Tag)

Overview

Quantity:	10 µg
Gene:	ZNF713
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 ZNF713 with C terminal DYKDDDDK tag is ideal for express proteins in E.coli & mammalian cells.
Brand:	GenEZ™
Insert Length:	1332 bp
Vector Backbone:	pcDNA3.1+C-(K)-DYK
Promoter:	CMV Promoter
Selectable Marker:	Neomycin
Bacterial Resistance:	Ampicillin
Expression Type:	Transient, Stable
Sequence:	ATGCCTTCTC AGAATGCTGT TTTTTCTCAG GAGGGGAACA TGGAGGAGGA AGAAATGAAT GATGGCTCAC AGATGGTGAG ATCTCAGGAA TCACTGACGT TTCAGGATGT GGCCGTGGAC TTCACCAGAG AGGAGTGGGA CCAGCTGTAC CCTGCCCAAA AGAACCTCTA TCGAGACGTG ATGCTGGAGA ACTACAGGAA TCTAGTTGCA CTGGGGTATC AGCTTTGTAA GCCAGAGGTA ATCGCGCAGT TGGAGCTAGA GGAAGAATGG GTGATAGAAA GAGACAGCCT GCTGGATACT

Product Details

	CATCCAGATG GAGAAAACAG ACCCGAAATC AAAAAGTCAA CCACAAGCCA GAATATTTCT GATGAAAATC AAACCCATGA GATGATAATG GAGAGACTCG CAGGAGACAG CTTCTGGTAC TCCATCCTAG GAGGACTCTG GGATTTTGAT TACCATCCAG AGTTTAACCA AGAAAACCAC AAGAGATATT TAGGACAAGT AACTTTGACC CACAAAAAGA TCACACAGGA GAGAAGCCTT GAGTGTAATA AATTTGCAGA AAACTGTAAT CTGAACTCAA ACCTTATGCA GCAGAGAATT CCTTCCATTA AAATACCCCT GAATTCTGAC ACACAGGGAA ACAGCATCAA ACATAATTCA GACTTGATTT ACTATCAGGG AAATTATGTA AGAGAGACTC CCTATGAATA TAGTGAGTGT GGAAAAATCT TCAATCAACA TATTCTTCTT ACTGATCATA TTCATACTGC AGAGAAACCC AGTGAGTGTG GGAAGGCCTT CAGCCACACC TCATCTCTTA GCCAGCCTCA GATGTTGCTT ACAGGAGAGA AGCCCTATAA GTGTGATGAA TGTGGAAAAA GATTCAGCCA GAGGATACAT CTCATTCAAC ATCAGAGAAT TCACACAGGA GAAAAGCCTT TTATATGCAA TGGATGTGGG AAAGCCTTCC GTCAGCATTC ATCCTTTACT CAACATCTGA GGATTCATAC TGGAGAAAAG CCCTATAAAT GTAATCAATG TGGTAAAGCT TTTAGCCGCA TCACATCCCT TACTGAACAT CATAGACTTC ATACCGGAGA GAAACCTTAC GAATGTGGTT TCTGTGGCAA AGCCTTCAGT CAGAGGACAC ATCTGAATCA ACATGAAAGA ACTCATACAG GAGAGAAACC CTATAAATGT AATGAATGCG GGAAAGCCTT TAGCCAGAGT GCACACCTTA ATCAACACAG GAAAATCCAT ACTCGGGAGA AATTATGTGA ATATAAATGT GAGCAAACTG TTCGCCACAG TCCTTCATTT AGCAGCACAT AA
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:	ZNF713
Alternative Name:	ZNF713 (ZNF713 Products)
Background:	The protein encoded by this gene contains C2H2 zinc finger domains. In some individuals a CGG-repeat expansion mutation has been identified in the first intron of this gene. This

Target Details

	mutation is thought to effect the expression of this gene and it has been proposed that it may be associated with Autistic Spectrum Disorder. [provided by RefSeq, Feb 2015].
Gene ID:	349075
NCBI Accession:	NM_182633

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)