Datasheet for ABIN4940077

Human DGCR6L ORF Clone in Mammalian Expression Vector (DYKDDDDK Tag)

Overview

Quantity:	10 µg
Gene:	DGCR6L
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 DGCR6L with C terminal DYKDDDDK tag is ideal for express proteins in E.coli & mammalian cells.
Brand:	GenEZ™
Insert Length:	663 bp
Vector Backbone:	pcDNA3.1+C-(K)-DYK
Promoter:	CMV Promoter
Selectable Marker:	Neomycin
Bacterial Resistance:	Ampicillin
Expression Type:	Transient, Stable
Sequence:	ATGGAGCGCT ACGCGGCCGC CTTGGAGGAG GTGGCGGACG GTGCCCGGCA GCAGGAGCGA CACTACCAGT TGCTGTCGGC GCTACAGAGC CTGGTGAAGG AGTTGCCCAG CTCTTTCCAG CAGCGCCTGT CCTACACCAC GCTCAGCGAC CTGGCCCTGG CGCTTCTCGA CGGCACCGTG TTCGAAATCG TGCAGGGGCT ACTGGAGATC CAGCACCTCA CCGAAAAGAG CCTGTACAAC CAGCGCCTGC GCCTACAGAA CGAGCACCGA GTGCTCAGGC AGGCGCTGCG GCAGAAGCAC

Product Details

	CAGGAAGCCC AGCAGGCCTG CCGGCCCCAC AACCTGCCTG TGGTTCAGGC GGCTCAGCAG CGAGAACTAG AGGCCGTGGA ACACCGGATC CGTGAGGAGC AGCGGGCGAT GGACCAGAAG ATCATCCTGG AGCTGGACCG GAAGGTGGCT GACCAGCAGA GCACACTGGA GAAGGCGGGG GTGGCTGGCT TCTACGTGAC CACCAACCCA CAGGAGCTGA TGCTGCAGAT GAACCTGCTG GAACTCATCC GAAAGCTGCA GCAGAGGGGC TGCCGGGCAG GGAATGCAGC CCTGGGACTG GGAGGTCCCT GGCAGTCGCC TGCTGCCCAG TGTGACCAGA AAGGCAGCCC TGTCCCACCA TAG
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:	DGCR6L
Alternative Name:	DGCR6L (DGCR6L Products)
Background:	This gene, the result of a duplication at this locus, is one of two functional genes encoding nearly identical proteins that have similar expression patterns. The product of this gene is a protein that shares homology with the Drosophila gonadal protein, expressed in gonadal tissues and germ cells, and with the human laminin gamma-1 chain that functions in cell attachment and migration. This gene is located in a region of chromosome 22 implicated in the DiGeorge syndrome, one facet of a broader collection of anomalies referred to as the CATCH 22 syndrome. [provided by RefSeq, Jul 2008].
Gene ID:	85359
NCBI Accession:	NM_033257

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)