

Datasheet for ABIN4929622

Human FGFBP2 ORF Clone in Mammalian Expression Vector (DYKDDDDK Tag)

Overview

Quantity:	10 µg
Gene:	FGFBP2
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 FGFBP2 with C terminal DYKDDDDK tag is ideal for express proteins in E.coli & mammalian cells.
Brand:	GenEZ™
Insert Length:	672 bp
Vector Backbone:	pcDNA3.1+C-(K)-DYK
Promoter:	CMV Promoter
Selectable Marker:	Neomycin
Bacterial Resistance:	Ampicillin
Expression Type:	Transient, Stable
Sequence:	ATGAAGTTCG TCCCCTGCCT CCTGCTGGTG ACCTTGTCTT GCCTGGGGAC TTTGGGTCAG GCCCCGAGGC AAAAGCAAGG AAGCACTGGG GAGGAATTCC ATTTCCAGAC TGGAGGGAGA GATTCCTGCA CTATGCGTCC CAGCAGCTTG GGGCAAGGTG CTGGAGAAGT CTGGCTTCGT GTCGACTGCC GCAACACAGA CCAGACCTAC TGGTGTGAGT ACAGGGGGCA GCCCAGCATG TGCCAGGCTT TCGCTGCTGA CCCCAAACCT TACTGGAATC AAGCCCTGCA GGAGCTGAGG

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Product Details

CGCCTTCACC ATGCGTGCCA GGGGGCCCCG GTGCTTAGGC CATCCGTGTG CAGGGAGGCT
GGACCCAGG CCCATATGCA GCAGGTGACT TCCAGCCTCA AGGGCAGCCC AGAGCCCAAC
CAGCAGCCTG AGGCTGGGAC GCCATCTCTG AGGCCCAAGG CCACAGTGAA ACTCACAGAA
GCAACACAGC TGGGAAAGGA CTCGATGGAA GAGCTGGGAA AAGCCAAACC CACCACCCGA
CCCACAGCCA AACCTACCCA GCCTGGACCC AGGCCCGGAG GGAATGAGGA AGCAAAGAAG
AAGGCCTGGG AACATTGTTG GAAACCCTTC CAGGCCCTGT GCGCCTTTCT CATCAGCTTC
TTCCGAGGGT GA

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:	<ul style="list-style-type: none">• 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:	FGFBP2
Alternative Name:	FGFBP2 (FGFBP2 Products)
Background:	This gene encodes a member of the fibroblast growth factor binding protein family. The encoded protein is a serum protein that is selectively secreted by cytotoxic lymphocytes and may be involved in cytotoxic lymphocyte-mediated immunity. An increase in the amount of gene product may be associated with atopic asthma and mild extrinsic asthma.[provided by RefSeq Staff, Oct 2008].
Gene ID:	83888
NCBI Accession:	NM_031950

Application Details

Restrictions:	For Research Use only
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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)