

Datasheet for ABIN4923708

Human SIRPb2 ORF Clone in Mammalian Expression Vector (DYKDDDDK Tag)

Overview

Quantity:	10 µg
Gene:	SIRPb2
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 SIRPB2 with C terminal DYKDDDDK tag is ideal for express proteins in E.coli & mammalian cells.
Brand:	GenEZ™
Insert Length:	735 bp
Vector Backbone:	pcDNA3.1+C-(K)-DYK
Promoter:	CMV Promoter
Selectable Marker:	Neomycin
Bacterial Resistance:	Ampicillin
Expression Type:	Transient, Stable
Sequence:	ATGTGCTCCA CGATGTCGGC CCCACCTGC CTGGCCCACT TGCCTCCCTG CTTCTGCTG CTGGCACTGG TCCTTGTCCC CTCAGATGCC TCTGGGCAGA GCAGCAGGAA TGA CTGGCAG GTGCTACAGC CCGAGGGCCC CATGCTGGTG GCAGAAGGAG CTGGGGACCC TGA ACCAGAC CTGTGGATCA TCCAGCCCCA GGAATTGGTG TTGGGGACCA CTGGAGACAC TGTCTTTCTG AACTGCACAG TGCTTGGAGA CGGTCCCCT GGACCCATCA GGTGGTTCCA GGGAGCTGGT

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Product Details

CTGAGCCGGG AGGCCATTTA CAACTTTGGA GGCATCTCCC ACCCCAAGGA GACAGCGGTG
CAGGCCTCCA ACAATGACTT CAGCATTCTT CTGCAAAACG TCTCCAGTGA GGATGCAGGC
ACCTATTACT GTGTAAAGTT TCAGAGGAAA CCCAACAGGC AATACCTGTC TGGACAGGGC
ACCAGCCTGA AAGTGAAAGC AAAATCTACC TCTTCCAAAG AGGCAGAATT CACCAGTGAA
CCTGCAACTG AGATGTCTCC AACAGGCCTC CTGGTTGTGT TCGCACCTGT GGTCCTGGGG
CTGAAGGCAA TTACCTTGGC TGCACTCCTA CTGGCCCTGG CTACCTCTCG GAGGAGCCCT
GGGCAAGAAG ATGTCAAGAC CACAGGCCCA GCAGGAGCCA TGAACACCTT AGCATGGAGC
AAGGGTCAAG AGTGA

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:	SIRPb2
Alternative Name:	SIRPB2 (SIRPb2 Products)
Gene ID:	284759
NCBI Accession:	NM_001134836

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Storage:	RT/-20 °C

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Handling

- 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.
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Expiry Date: 12 months

Publications

Product cited in: Johnson, Drugan, Miller, Evans: "38" in: , Vol. 1363, Issue Nucleic acids research, pp. 28-39, (1991)