

Datasheet for ABIN4923221

Human SPACA5B ORF Clone in Mammalian Expression Vector (DYKDDDDK Tag)

Overview

Quantity:	10 µg
Gene:	SPACA5B
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 SPACA5B with C terminal DYKDDDDK tag is ideal for express proteins in E.coli & mammalian cells.
Brand:	GenEZ™
Insert Length:	480 bp
Vector Backbone:	pcDNA3.1+C-(K)-DYK
Promoter:	CMV Promoter
Selectable Marker:	Neomycin
Bacterial Resistance:	Ampicillin
Expression Type:	Transient, Stable
Sequence:	ATGAAGGCCT GGGGCACTGT GGTAGTGACC TTGGCCACGC TGATGGTTGT CACTGTGGAT GCCAAGATCT ATGAACGCTG CGAGCTGGCG GCAAGACTGG AGAGAGCAGG GCTGAACGGC TACAAGGGCT ACGGCGTTGG AGACTGGCTG TGCATGGCTC ATTATGAGAG TGGCTTTGAC ACCGCCTTCG TGGACCACAA TCCTGATGGC AGCAGTGAAT ATGGCATTTC CCAACTGAAT

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Product Details

TCTGCCTGGT GGTGTGACAA TGGCATTACA CCCACCAAGA ACCTCTGCCA CATGGATTGT
CATGACCTGC TCAATCGCCA TATTCTGGAT GACATCAGGT GTGCCAAGCA GATTGTGTCC
TCACAGAATG GGCTTTCTGC CTGGACTTCT TGGAGGCTAC ACTGTTCTGG CCATGATTTA
TCTGAATGGC TCAAGGGGTG TGATATGCAT GTGAAAATTG ATCCAAAAAT TCATCCATGA

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:	SPACA5B
Alternative Name:	SPACA5B (SPACA5B Products)
Gene ID:	729201
NCBI Accession:	NM_001079900

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Storage:	RT/-20 °C
Storage Comment:	<ul style="list-style-type: none">• 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.

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Handling

- 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)