

Datasheet for ABIN4924059

## Human SAPCD1 ORF Clone in Mammalian Expression Vector (DYKDDDDK Tag)

### Overview

Quantity:	10 µg
Gene:	SAPCD1
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 SAPCD1 with C terminal DYKDDDDK tag is ideal for express proteins in E.coli & mammalian cells.
Brand:	GenEZ™
Insert Length:	537 bp
Vector Backbone:	pcDNA3.1+C-(K)-DYK
Promoter:	CMV Promoter
Selectable Marker:	Neomycin
Bacterial Resistance:	Ampicillin
Expression Type:	Transient, Stable
Sequence:	ATGGGGAGCC AGGGCTCTGG CGGGGTGCC TTGGTGCAGG CTCCTACAC AGTCCTGCTG CTGCCGCTGG GGACAAGCCG CCAAGACCCA GGGGCCAGCA GCTTCTTCCT TTGGCTACGC AGGATGCAGG CTCTGGAGAG AGAACAGGAT GCCCTGTGGC AGGGTCTGGA GCTGCTACAG CATGGCCAGG CCTGGTTTGA AGACCATCTG AGGGAGGCAC AGCGACAGCA GCTGCATCTA GGGGCCCTTG GTGAGAATTT TCTAACAGAT TTACTCTCAG AGCCTGGTCG CCCCCCGTTA

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## Product Details

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GCCCAGATTC AAAAGGTGAA CATCTGTTTG CAGAATCTGA TTCATGAGAA GTTCTCCCA  
AGTCCACTGA ACAAGGCTAG TTCCTGCACC ACCCAGGATT CAAAGGAAAG ACGAAGGGAG  
CAGAACTTGT GGCAGCAACA GGAGTTGTCA AGGCAGCAGA AAGGAGTCAC CCAGCCAAAG  
GAGGAGATGG CTCAGCGGGG CTGCACCAAG GGGCCAAGAG GCCCTACCCG TGTCTAA

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

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Gene: SAPCD1

Alternative Name: SAPCD1 ([SAPCD1 Products](#))

Gene ID: 401251

NCBI Accession: [NM\\_001039651](#)

## Application Details

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Restrictions: For Research Use only

## Handling

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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.

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## Handling

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- 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

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