

Datasheet for ABIN4931170

## Human COLCA2 ORF Clone in Mammalian Expression Vector (DYKDDDDK Tag)

### Overview

Quantity:	10 µg
Gene:	COLCA2
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 COLCA2 with C terminal DYKDDDDK tag is ideal for express proteins in E.coli & mammalian cells.
Brand:	GenEZ™
Insert Length:	465 bp
Vector Backbone:	pcDNA3.1+C-(K)-DYK
Promoter:	CMV Promoter
Selectable Marker:	Neomycin
Bacterial Resistance:	Ampicillin
Expression Type:	Transient, Stable
Sequence:	ATGCACCCGG AGCCTTTGCT CAATTCCACA CAAAGTGCTC CACACCATTT CCCAGACAGC TTCCAGGCCA CCCCTTTCTG CTTTAACCAG AGCCTGATCC CAGGATCACC TTCAAATTCC TCCATTCTCT CTGGCTCCTT AGACTACAGT TACTCGCCAG TGCAGCTGCC TTCATATGCT CCAGAGAATT ACAATTCCCC TGCTTCTCTG GACACCAGAA CCTGTGGCTA CCCCCAGAA GACCATTCTT ACCAACACTT GTCCTCACAC GCCCAGTACA GCTGCTTCTC CTCGGCCACC

Order at [www.genomics-online.com](http://www.genomics-online.com)

USA & Canada: +1 877 302 8632 | [support@antibodies-online.com](mailto:support@antibodies-online.com)

## Product Details

---

ACCTCCATCT GCTACTGCGC ATCGTGTGAG GCAGAGGACT TGGATGCTCT CCAGGCAGCA  
GAGTACTTCT ACCCGAGCAC AGACTGTGTG GACTTTGCCC CCTCAGCAGC CGCCACCAGT  
GATTTCTATA AGAGGGAAAC AAAGTGTGAC ATCTGCTATA GTTAA

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: COLCA2

Alternative Name: COLCA2

Gene ID: 120376

NCBI Accession: [NM\\_001136105](#)

## 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.

Order at [www.genomics-online.com](http://www.genomics-online.com)

USA & Canada: +1 877 302 8632 | [support@antibodies-online.com](mailto:support@antibodies-online.com)

## Handling

---

Expiry Date: 12 months

## Publications

---

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