

Datasheet for ABIN4946542

Human SPATA31D1 ORF Clone in Mammalian Expression Vector (DYKDDDDK Tag)

Overview

Quantity:	10 µg
Gene:	FAM75D1 (SPATA31D1)
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 SPATA31D1 with C terminal DYKDDDDK tag is ideal for express proteins in E.coli & mammalian cells.
Brand:	GenEZ™
Insert Length:	4731 bp
Vector Backbone:	pcDNA3.1+C-(K)-DYK
Promoter:	CMV Promoter
Selectable Marker:	Neomycin
Bacterial Resistance:	Ampicillin
Expression Type:	Transient, Stable
Sequence:	ATGGAGAATA TCCTCTGTTT TCTGAACAGC TATACTGAGA CAGGGCTGAG CCCTGACTCA CATTGGTTGG ATATCGACCC CAACTTCATC TGCTTGAGTG GGTTGGGGTT GTTTATACTG TACTTGTCT ACGTGGTATT GACCCTGTAT TCGTCACCCA CCGAAAAAAAA TAATGACATC CAAAAGCATC AGGGCAGAGC CAAGAGGAGA AGGAAAGGTG GGACATTCAA AGGTTTCCCA

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GACTGGAAAA GTTCCAGAG AGAAGAGGAA GAGGAAAGGA AGCTGCTTTC TCTTCTGAAA
AGCTTTGGAC CTCCTGTTTC CTGCAGTCCT CGGGGCCAGC ATCATGATAC CAACCACTTT
CGTCGACTGT TATGCCAGA CCCCCTCTGT CGGGTGTGTA AGAGAGCAAC TGCTGATATC
CAGCAACTGC TGTCTGGGA GTCCCTGAAA GATGCTGCTC CCTCTGTGTC CCCTTTGGCT
TCTTCGGCTT CTGCGACTGA GTCATCGTTC ACTCTGGCTT CCACCCCTC AGCAACCCCT
CCAGAAGACC TAATACTGTC CCCTCGGCCT AAGGCCTCTC CACCACCCCTT CTTAATTCTC
TCACCTGACC TGATCACCAC CTTAGCTGAC TTATTTTCAC CCTCACCCT GAGGGACCCT
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CAACAGCTTC CCTTTCCCCT TCTCCCACCA CATCACATTG AGAGAGTGGA GTCCAGCCTC
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GTTGGCCAGA ATTATCCTAC AAGGATTAGA CAGATCATAG ACAAGGACAG ACAGCCCCAG
AAAGTTGAGG CATTAAAGGG GAAGATACTG TGTCAAAGCC ATCCCCAATC CATGCCCCAC

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Product Details

AGGAAGCCTG TGCCACATCC AAACCCCACT TGCCGGCGTC AGGTCAGCCT GGTGTGTCCA
GCCGTCCCAA CCAGTGCTAA AAGCCCTGTG TTTAGTGATG TGCCTTTCCT AACTGGACAG
AAAATGCTTC CAAAGCATTT ACAGGGAGGA AAATTTCCCC CCACAAAATA A

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: FAM75D1 (SPATA31D1)

Alternative Name: SPATA31D1

Gene ID: 389763

NCBI Accession: [NM_001001670](#)

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.

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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)