

Datasheet for ABIN4945198

Human SPATA31C1 ORF Clone in Mammalian Expression Vector (DYKDDDDK Tag)

Overview

| | |
|--------------|-----------------------------|
| Quantity: | 10 µg |
| Gene: | SPATA31C1 |
| 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 SPATA31C1 with C terminal DYKDDDDK tag is ideal for express proteins in E.coli & mammalian cells. |
| Brand: | GenEZ™ |
| Insert Length: | 3567 bp |
| Vector Backbone: | pcDNA3.1+C-(K)-DYK |
| Promoter: | CMV Promoter |
| Selectable Marker: | Neomycin |
| Bacterial Resistance: | Ampicillin |
| Expression Type: | Transient, Stable |
| Sequence: | ATGGAGAATC TTCCCTTTCC TCTAAAATTA CTTAGTGCCT CATCACTAAA CACCCCCAGC TCCACACCAT GGGTGTGGA TATCTTCCTC ACCTTGGTGT TTGCCCTGGG GCTCTTCTTC CTATTACTCC CCTACTTCTC TTACCTCCGT TGTGACAACC CACCCTCACC ATCGCCTAGG AAGAGAAAGC GTCATCTTGT CTCCCAGCGT CATCTTGTCT CCCAGTGTCC AACAGGGCGG |

Order at www.genomics-online.com

USA & Canada: +1 877 302 8632 | support@antibodies-online.com

AGGGGGAGGC CCAGAGGCAG GATGAAAAAC CACAGTCTGA GAGCTTGTAG AGAGTGCCCG
AGAGGCCTGG AGGAGACTTG GGACCTGCTT TCACAACCTGC AGAGCCTCCT GGGGCCACAC
CTTGAAAAAG GTGACTTTGG TCAGCTCTCT GGTCCAGACC CGCCAGGTGA GGTGGGCAAA
AGAACACCTG ATGGAGCCTC CCGGTCCTCT CATGAGCCTA TGGAAGATGC TGCTCCCATT
GTCTCCCCGT TAGCTTCCCC GGATCCTCGA ACCAAGCATC CTCAGGATCT GGCCTCCACC
CCACCACCAG GCCCAATGAC CACCTCAGTC TCCTCCCTAA GTGCCTCCCA GCCACCAGAA
CCTTCCCTTC TCCTAGAACG CCCCTCACCC GAGCCACCTG CACTTTTCCC TCACCCACCA
CACACCCCTG ATCCTCTGGC CTGCTCTCCA CCTCCTCCGA AAGGCTTCAC TCCTCCTCCC
CTGCGGGACT CCACTCTGTT AACACCATCT CACTGTGACT CAGTGGCACT TCCACTGGAC
ACCGTCCCTC AAAGCTTGTC TCCACGTGAG GATTTGGCGG CTTCTGTCCC AGCCATCTCA
GGCCTTGGCG GCTCAAACAG TCAAGTTTCT GCCCTCTCCT GGTCGCAGGA GACTACCAAA
ACCTGGTGCA TCTTCAACTC GTCAGTCCAG CAAGATCATC TTTCCCGCCA AAGGGACACC
ACAATGTCCC CACTGCTTTT CCAGGCCAG CCCCTGTCCC ATCTGGGGCC TGAGTCCCAA
CCCTTTATTT CATCCACACC CCAATTCCGG CCCACACCTA TGGCTCAGGC CGAGGCTCAG
GCCCATCTTC AATCCTCTTT CCCAGTCCTA TCTCCTGCTT TTCTATCCCC GATGAAGAAC
ACTGGAGTAG CTTGCCCTGC GTCGCAGAAT AAAGTGCAAG CTCTCTCCTT ACCTGAAACT
CAGCACCTG AAAGGCCTTT GTTGAGGAAA CAACTAGAAG GTGGGTTGGC TTTACCTCT
AGGGTCCAAA AATCTCAGGA CGTCTTTAGT GTCTCCACTC CTAACCTTCC CCAGGAAAGA
CTGACATCCA TTCTGCCTGA GAACTTTCCA GTCAGTCCTG AACTCTGGAG ACAACTGGAG
CAATACATGG GGCAACGTGG AAGGATCCAA GAGTCTCTGG ATCTGATGCA GCTTCAGGAT
GAATTGCCAG GGACAAGTCA GGCCAAGGGC AAACCCAGGC CCTGGCAGTC CTCCACGTCC
ACAGGTGAAA GCAGCAAGGA GGCACAGACG GTGAAGTCC AGCTAGAGAG GGACCCATGC
CCACATCTGG GGCAAATTCT GGGTGAGACC CCACAAAATC TATCCAGGGG CATGGAAAGC
TTCCCAGGGA AGGTTCTGGG GGCACCTCT GAGGAGTCAG AAAGGAACCT GAGGAAGCCC
TTGAGGAGTG ACTCAGGAAG TGATTTATTA AGACGCACAG AGAGGAATCA TATAGAAAAC
ATCCTGAAAG CCCACATGGG CAGAAAGTTG GGCCAGACCA ACGAGGGCTT GATCCCCGTG
AGTGTGCGTC GATCCTGGCT TGCTGTCAAC CAGGCTTTTC CCGTATCCAA CACCCACGTG
AAAACCAGCA ATCTAGCAGC CCCGAAAAGT AGGAAAGCCT GTGTAAACAC AGCCCAGGTG
CTTTCTTCC TTGAGCTGTG TACTCAGCAG GTGCTGGAAG CCCATATTGT GAGGTTTTGG
GCCAAACACA GGTGGGGTCT ACCCCTCAGG GTCCTCAAGC CCATTCAGTG CTTTCAACTG
GAAAAGGTTT CATCCTTGTC CTTTATACAG CTTGCTGGTC CCTCCTCAGA CACCTGCGAA
TCTGGGGCTG GCTCAAAGT TGAGGTGGCC ACGCTCCTTG GAGAGCCACC AATGGCAAGT
CTGAGAAAGC AAGTGCTGAC CAAACCATCT GTTCACATGC CAGAGAGGCT TCAGGCCTCC
TCACCTGCAT GTAAGCAGTT CCAGAGGGCC CCGCGAGGGA TCCCATCTTC AAATGATCAT
GGGTCTTGA AGGCTCCTAC AGCTGGACAG GAGGGCAGGT GGCCATCTAA GCCCCTCACA
TACAGCCTCA AAGGCAGCAC CCAGCAGAGC AGGAGCTTAG GAGCCCAATC TTCAAGGGCT

Product Details

GGAGAGACCA GGGAGGCAGT GCCACAACCC ACAGTCCCCT TGGGAACCTG TATGAGAGCA
AACCTCCAAG CCACAAGTGA GGATGTGCGT GGTTTCAAGG CTCCAGGCGC CAGCAAAAGC
TCTCTACTCC CTAGAATGTC TGTCTCCCAA GACCCAAGAA AGCTGTGTCT CATGGAGGAG
GCTGTTAGTG AATTTGAGCC TGAATGGCC ACGAAGTCAG AGACCCAGCC TCAAGTTTCT
GCCGCTGTTG TGCTCCTTCC AGATGGGCAA GCATCTGTTG TGCCCCATGC TTCAGAGAAT
TTGGCTTCTC AAGTGCCCCA GGGCCATCTC CAGAGCACGC CTAAGGGAA CATGCAGGCT
TCCCAGGAGC TATGTGACCT CATGTCAGCC AGAAGGAGTA ACATGGGGCA CAAGGAGCCC
AGGAACCCAA ACTGTCAAGG CTCATGCAAG AGCCAAAGCC CAATGTTTCC CCCTACTCAC
AAGAGGGAGA ACTCTAGGAA GCCCAACTTA GAAAAACATG AAGAAATGTT TCAAGGATTG
AGGACTCCTC AACTTACCCC AGGCAGAAAA ACAGAAGACA CCCGTCAGAA TGAAGGCGTC
CAGCTACTGC CATCAAAGAA ACAGCCTCCT TCAATAAGCC ACTTTGGAGA AAACATCAAG
CAATTTTTTG AGACGATTTT TTCAAAGAAA GAAAGGAAGC CAGCACCAGT CACTGCTGAG
AGCCAAAAAA CAGTAAAAAA CAGATCATGC GTGTACGGCA GCAGTGCTGA AGCTGAGAGG
CTCATGACAG CAGTTGGACA GATACCGGAG GAGAACATGT CACTTTGCCA TGCGCGCCAT
GCCTCGAAGG TAAATCAGCA AAGACAGCAG TTTCAAGCCC CAGTCTGTGG GTTTCCCTGC
AACCACAGAC ACCCGTTCTA CTCAGACCAC AGCAGAATGC TGAGCTATGC AGCCAGCAGT
CAACAAGCCA CTCTCAAGAA CCAGAGTCGT CCCAACAGAG ACAGACAAAT CAGAGATCAG
CAGCCCTTGA AAAGTGTCCG GTGCAACAAT GAGCAATGGG GCCTGCGACA TCCCCAACTC
TTGCTCCCCA AGAAAGCTGT ATCCCCAGTC AGTCCCCCTC AGCACCGGCC GAAGACACCC
AGTGCTCCA GCCACCATCA CCACTGA

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: SPATA31C1

Alternative Name: SPATA31C1

Order at www.genomics-online.com

USA & Canada: +1 877 302 8632 | support@antibodies-online.com

Target Details

Gene ID: 441452

NCBI Accession: [NM_001145124](#)

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.

Expiry Date: 12 months

Publications

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