Datasheet for ABIN4946544

Human SPATA31A6 ORF Clone in Mammalian Expression Vector (DYKDDDDK Tag)

Overview

Quantity:	10 µg
Gene:	FAM75A6 (SPATA31A6)
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 SPATA31A6 with C terminal DYKDDDDK tag is ideal for express proteins in E.coli & mammalian cells.
Brand:	GenEZ™
Insert Length:	4032 bp
Vector Backbone:	pcDNA3.1+C-(K)-DYK
Promoter:	CMV Promoter
Selectable Marker:	Neomycin
Bacterial Resistance:	Ampicillin
Expression Type:	Transient, Stable
Sequence:	ATGGAGAATC TTCCCTTTCC TTTAAAATTA CTTAGTGCCT CATCGCTAAA CGCCCCCAGC TCCACACCAT GGGTGTTGGA TATCTTCCTC ACCTTGGTGT TTGCCCTGGG GTTCTTCTTC CTATTACTCC CCTACTTATC TTACTTCCAT TGTGATGACC CACCCTCACC ATCGCCTGGG AAGAGAAAGT GTCCAGTAGG GCGGAGGCGG AGGCCCAGAG GCAGGATGAA AAACCACAGT

CTGAGAGCTG GTAGAGAGTG CCCGAGAGGC CTGGAGGAGA CTTCGGACCT TCTTTCACAA
CTGCAGAGCC TCCTGGGGCC ACACCTTGAC AAAGGTGACT TTGGTCAGCT CTCCGGTCCA
GACCCCCCAG GTGAGGTGGG CGAAAGAGCA CCTGATGGAG CCTCCCAGTC CTCTCATGAG
CCTATGGAAG ATGCTGCTCC CATTCTCTCC CCGTTAGCTT CCCCGGATCC TCAAGCCAAG
CATCCTCAGG ATCTGGCCTC CACCCCATCA CCAGGCCCAA TGACCACCTC AGTCTCCTCC
CTAAGTGCCT CCCAGCCACC AGAACCTTCC CTTCCCCTAG AACACCCCTC ACCCGAGCCA
CCTGCACTTT TCCCTCACCC ACCACACACC CCTGATCCTC TGGCCTGCTC TCCGCCTCCT
CCAAAAGGCT TCACTGCTCC TCCCCTGCGG GACTCCACAC TGATAACTCC ATCTCACTGT
GACTCAGTGG CACTTCCACT GGGCACCGTC CCTCAAAGCT TGTCTCCACA TGAGGATTTG
GTGGCTTCTG TCCCAGCCAT CTCAGGCCTT GGTGGCTCAA ACAGTCATGT TTCTGCCTCC
TCCCGGTGGC AGGAGACTGC CAGAACCTCG TGCGCCTTTA ACTCATCAGT CCAGCAAGAT
CCTCTTTCCC GCCACCCACC AGAGACCTGT CAGATGGAAG CTGGTAGCCT GTTTTTGCTC
AGCTCTGATG GCCAGAATGT CGTGGGGATA CAAGTCACAG AAACAGCCAA GGTCAACATT
TGGGAAGAAA AAGAAAATGT TGGATCATTT ACAAATCAAA TGACCCCAGA AAAGCACTTA
AATTCTTTGG GGAATTTGGC TAAATCATTG GATGCTGAGC AGGACACCAC AAACCCAAAA
CCCTTCTGGA ACATGGGAGA GAACTCGAAA CAGCTGCCCG GACCTCAGAA GTGCTCAGAT
CCTAGGCTCT TGCAGGAAAG TTTTTGGAAG AATTATAGCC AGCTTTTCTG GGGCCTCCCC
TCTCTGCACA GCGAGTCCCT GGTGGCTAAC GCCTGGGTAA CTGACAGGTC TTATACTTTA
CAGTCTCCTC CTTTCTTGTT CAATGAAATG TCCAATGTCT GCCCAATTCA AAGGGAGACT
ACAATGTCCC CACTGCTTTT CCAGGCCCAG CCCCTGTCCC ACCGCCAACC CTTTATTTCA
TCCACACCCC AATTCCTGCC CACACCTATG GCTCAGGCCG AGGCTCAGGC CCATCTTCAG
TCTTCTTTCC CAGTCCTATC TCCTGCTTTT CCATCCCTGA TTAAGAACAC TGGAGTAGCT
TGCCCTGCAT CGCAGAATAA AGTGCAAGCT CTCTCCCTAC CTGAAACTCA GCACCCTGAA
TGGCCTTTGT TGAGGAAACA ACTAGAAGGT AGGTTGGCTT TACCCTCTAG GGTCCAAAAA
TCTCAGGACG TCTTTAGTGT CTCCACTCCT AACCTTCCCC AGGAAAGTTT GACATCCATT
CTGCCTGAGA ACTTTCCAGT CAGTCCTGAA CTCCGGAGAC AACTGGAGCA ACACATAAAA
AAGTGGATCA TCCAACACTG GGGCAACCTG GGAAGGATCC AAGAGTCTCT GGATCTGATG
CAGCTTCGGG ACGAATCACC AGGGACAAGT CAGGCCAAGG GCAAACCCAG TCCCTGGCAG
TCCTCCACGT CCACAGGTGA AAGCAGCAAG GAGGCACAGA AGGTGAAGTT CCAGCTAGAG
AGGGACCTGT GCCCACATCT GGGGCAAATT CTGGGTGAGA CCCCACAAAA TCTATCCAGG
GACATGAAAA GCTTCCCACG GAAGGTTCTG GGGGTGACTT CTGAGGAGTC GGAAAGGAAC
TTGAGGAAGC CCTTGAGGAG TGACTCGGGA AGTGATTTAT TAAGATGCAC AGAGAGGACT
CATATAGAAA ACATCCTGAA AGCCCACATG GGCAGGAACT TGGGCCAGAC CAACGAGGGC
TTGATCCCCG TGCGTGTGCG TCGATCCTGG CTTGCTGTCA ACCAGGCTCT TCCCGTGTCC
AACACCCATG TGAAAACCAG CAATCTAGCA GCCCCGAAAA GTGGGAAAGC CTGTGTGAAC
ACAGCCCAGG TGCTTTCCTT CCTCGAGCCG TGTACTCAGC AGGGGTTGGG AGCCCATATT

	GTGAGGTTTT GGGCCAAACA CAGGTGGGGT CTACCCCTCA GGGTCCTCAA GCCCATTCAG TGCTTTAAAC TGGAAAAGGT TTCATCCTTG TCCCTTACGC AGCTTGCTGG TCCCTCCTCA GCCACCTGTG AATCTGGGGC TGGCTCAGAA GTTGAGGTGG ACATGTTCCT TAGAAAGCCA CCAATGGCAA GTCTGAGAAA GCAGGTGCTG ACCAAAGCAT CTGATCACAT GCCAGAGAGT CTTCTGGCCT CCTCACCTGC ATGGAAGCAG TTCCAGAGGG CACCGCGAGG AATCCCATCT TGGAATGATC ATGGGCCCTT GAAGCCTCCT CCAGCTGGAC AGGAGGGCAG GTGGCCATCT AAGCCCCTCA CGTACAGCCT CACAGGCAGC ACCCAGCAGA GCAGGAGCTT AGGAGCCCAA TCTTCAAAGG CTGGAGAGAC AAGGGAGGCA GTGCCACAAT GCAGAGTCCC CTTGGAAACC TGTATGCTGG CAAACCTCCA AGCCACAAGT GAGGATGTGC ATGGTTTCGA GGCTCCAGGG ACCAGCAAAA GCTCTCTACA CCCTAGAGTG TCTGTCTCCC AAGATCCAAG AAAGCTGTGT CTTATGGAGG AGGTTGTTAG TGAATTTGAG CCTGGAATGG CCACAAAGTC AGAGACCCAG CCTCAAGTTT GTGCCGCTGT TGTGCTCCTT CCAGATGGGC AAGCATCTGT TGTGCCCCAC GCTTCAGAGA ATTTGGTTTC TCAAGTGCCC CAGGGCCATC TCCAGAGCAT GCCTACTGGG AACATGCGGG CTTCCCAGGA GCTACATGAC CTCATGGCAG CCAGAAGGAG CAAACTGGTG CAAGAGGAGC CCAGAAACCC AAACTGTCAA GGCTCATGCA AGAGCCAAAG GCCAATGTTT CCCCCTATTC ACAAGAGTGA GAAGTCTAGG AAGCCCAACT TAGAAAAACA TGAAGAAAGG CTTGAAGGAT TGAGGACTCC TCAACTTACC CCAGTCAGGA AAACAGAAGA CACCCATCAG GATGAAGGCG TCCAGCTACT GCCATCAAAG AAACAGCCTC CTTCAGTAAG CCACTTTGGA GAAAACATCA AGCAATTTTT TCAGTGGATT TTTTCAAAGA AAAAAAGCAA GCCAGCACCA GTCACTGCTG AGAGCCAAAA AACAGTAAAA AACAGATCAT GTGTGTACAG CAGCAGTGCT GAAGCTCAGG GTCTCATGAC GGCAGTTGGA CAAATGCTGG ACAAGAAAAT GTCACTTTGC CATGCGCACC ATGCCTCGAA GGTAAATCAG CACAAACAGA AGTTTCAAGC CCCAGTCTGT GGGTTTCCCT GCAACCACAG GCACCTCTTC TACTCAGAAC ATGGCAGAAT ACTGAGCTAT GCAGCCAGCA GTCAACAAGC CACTCTCAAG AGCCAGGGTT GTCCCAACAG AGACAGGCAA ATCAGAAATC AACAGCCCTT GAAAAGTGTG CGGTGCAACA ATGAGCAATG GGGCCTGCGA CATCCCCAAA TCTTGCACCC CAAGAAAGCT GTATCCCCAG TCAGTCCCCC TCAGCACTGG CCGAAGACAT CCGGTGCCTC TAGCCACCAT CACCACTGTC CAAGGCACTG TCTTCTTTGG GAAGGTATCT GA
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'

Product Details

	• 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:	FAM75A6 (SPATA31A6)
Alternative Name:	SPATA31A6
Gene ID:	389730
NCBI Accession:	NM_001145196

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)