

Datasheet for ABIN4922956

Human STEAP1B ORF Clone in Mammalian Expression Vector (DYKDDDDK Tag)

Overview

Quantity:	10 µg
Gene:	STEAP1B
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 STEAP1B with C terminal DYKDDDDK tag is ideal for express proteins in E.coli & mammalian cells.
Brand:	GenEZ™
Insert Length:	1029 bp
Vector Backbone:	pcDNA3.1+C-(K)-DYK
Promoter:	CMV Promoter
Selectable Marker:	Neomycin
Bacterial Resistance:	Ampicillin
Expression Type:	Transient, Stable
Sequence:	ATGGAAAGCA GAAAAGACAT CACAAACCAA GAAGAAATTT GGAAAATGAA GCCTAGGAGA AATTTAGAAG ACAACGATTA TTTGCATGAG GACACGGGAG AGACCAGCAT GCTAAAAGA CCTGTGCTTT TGCATTTGCA GCAAACAGCC CATGCTGATG AATTTGACTG CCCTTCAGAA CTTCAGCACG CACAGGAAGT CTTTCCACAG TGGCACTTGC CAATTTAAAT AGCTGCTGTT

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Product Details

ATGGCATCTC TGACTTTTCT TTACACTCTT CTGAGGGAAG TAATTCACCC TTTAGCAACT
TCCCATCAAC AATATTTTTA TAAAATTCCA ATCCTGGTCA TCAACAAAGT CTTGCCAATG
GTTTCCATCA CTCTCTTGGC ATTGGTTTAC CTACCAGGTG TGATAGCAGC AATTGTCCAA
GTTCATAATG GAACCAAGTA TAAGAAGTTT CCACATTGGT TGGATAAGTG GATGTTAACA
AGAAAGCAGT TTGGGCTTCT CAGTTTGTTT TTTGCTGTAC TGCATGCAAT TTATACTCTG
TCTTACGCAA TGAGGCGATC CTACAGATAC AAGTTGCTAA ACTGGGCATA TCAACAGGTC
CAACAAAATA AAGAAGATGC CTGGATTGAG CATGATGTTT GGAGAATGGA GATTTATGTG
TCTCTGGGAA TTGTGGGACT GGCAATACTG GCTCTGTTGG CTGTGACATC TATTCCATCT
GTGAGTGACT CTTTGACATG GAGAGAATTT CACTATATTC AGGCTATACT GACTGGAAGC
CTGGTAGCTT TGTGCAACTT TCAGGCCACT AACTGGCCA AGACACAACCT GGTAGGCACA
CCAAATTTCT GGCAGGAGCA GCAGTGTGGA ATCCATTTCC CACCACCTTC CAAGACTAGG
AGTTATATAT ACTTCATTTT ATCAGCAGCC AGCCCTTCAA AGGGAAATGT TAGCTCTCAC
ATGTTTCAGC TTCATCTAGA AAATCTCAAT AAAAAAGACA AGTTATTGCT GATCATCTTT
CAGATTTAA

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: STEAP1B

Alternative Name: STEAP1B ([STEAP1B Products](#))

Gene ID: 256227

NCBI Accession: [NM_001164460](#)

Application Details

Restrictions: For Research Use only

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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)