

Datasheet for ABIN4944158

Human DCST2 ORF Clone in Mammalian Expression Vector (DYKDDDDK Tag)

Overview

Quantity:	10 µg
Gene:	DCST2
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 DCST2 with C terminal DYKDDDDK tag is ideal for express proteins in E.coli & mammalian cells.
Brand:	GenEZ™
Insert Length:	2322 bp
Vector Backbone:	pcDNA3.1+C-(K)-DYK
Promoter:	CMV Promoter
Selectable Marker:	Neomycin
Bacterial Resistance:	Ampicillin
Expression Type:	Transient, Stable
Sequence:	ATGCCCAAAG TCATGAAGGA TGTTGTGCAC CCCTTGGGGG GAGAGGAGCC TAGCATGGCG AGAGCTGTGG TTCGCAGCGT GGGAGGTTTT ACCCTGGGCT TGTCTTTAGC CACGGCCTAC GGGCTTCTGG AGCTACTGGT GGAAGGCCAC AGCCCCTGGG GTTGCCTGGT GGGCACCCCTC ACTTTGGCTG CCTTCCTTAG CCTGGGCATG GGATTCTCTC GCCAGGTCCG AGCCACTGTC CTCCTGCTGC TGCCTCAGGC CTTCTCCAGG CAGGGCCGGA CACTACTGTT GGTGGCTGCT

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TTTGGGTTGG TGCTTCAAGG GCCTTGTGCC AACACTCTAC GCAACTTCAC CCGGGCCAGC
GAGGCTGTAG CCTGTGGGGC AGAGCTGGCC CTGAACCAGA CCGCCGAAGT GCTACAGAGG
GCCAAGCAAC CTCTTGTGAG TGCCCTGAAC AAGATTAAAG CTATTGCCCG GAAGACCAAA
GAGGTGGCTG ACCGGGTCCG CAAGTTCTTT CGGTCAATCA TGGATGGTGT GAAACACATA
GCCAGGGCTC TCCGGAATGT GTGGCAGTGG CTCCTGCACA TCGGCGATGT GTGCAACTCG
GAACTGGGCA ACCCTTACCT GAAGTGTGCA CGGGTTTTTCG ATGATGCCAA GGACAGCTGC
ATGATGGTCA TACCACAAGC CTACCACCTG TGTTACGTGC TCATGCCCTT CAACTGGCG
CTCTGTGGAC TTGCCAGCCT GGTCCAGGTG TTCTGCGTCA TCCCTAAGTA CATTCAACCC
TTCTTGCGCC AGACCATCGG CACCCCGTG ATTCAGTTGC TCAACCGGGT GCGTCAGGAG
TTTGAGTTCA ACATGACAGC CACCCACCAC TTCTCTGTGG ATCTCAATGC CTCTCGGAGC
CTGTCCCAGG TAGCCATGGA CCTCCACGAG GCTGTCAGCA TGAAGCTGCA CCGTGTCCGA
GAGGCCCTGG CTCTGATGGG CTTACCCACG CCTCTGCTGC TTGTGCTTCT CTACCTCCAA
GCCCTATTTT ACCGGTATTG TTACCTGAAC TGGGACCATT ATGACAATAT CTACATCACT
AGCCGATTCC TGCGCATGGA GGCTGTGCGC TCCACGGCAG GGCTGCCAC AGTGCTACCG
CTCAGTGCTC ACGAGGCCAG GCGCTACATC CCACCGGGCT CCATCTTCTT GTCCCAATGG
GAGAAGTTTT TTTACATTCT GGAGACCTTC AACCTTATCC GACACCTCCT CCTCGTGCTG
TTCCTAGTCT TCCTAGACTA TGCTGTCTTC TGGGTGCTTG ACCTGGCCCG GCACCAGCTG
CAGGGGGAGA TTGTGGCCCG CAGTCTGTG TTGGTGTCTC TAACCGTGA AGTACTGGC
TACGCTGGGA ATATTTATCG TGACCTGGTG TCAGCATTG ATGTCCTGCA GCAAGGCAAC
ATCAGTATTT TGTCGGCG TTGTCTCCTT CGTCCCTCGG AGCCTGACAG CACTGGCTAC
ATAGTCATTG GCGTCATGTA TGGCCTATGC TTCTTCATCA CCCTGTTTGG CAGCTATGTC
AGCCGGCTGC GGCGAGTCAT CTGTGCCTCC TACTACCCAT CCCGGGAGCA GGAGAGGATC
TCCTACCTGT ACAATGTACT TCTGAGCCGC CGAACCAATC TGTTGGCTGC CCTGCACCGA
TCAGTGAGGC GGCGGGCGGC TGACCAGGGC CACAGAAGTG CCTTCCTAGT GCTGGCCAGT
CGGTGCCCT GCCTAGGTCC ATTTGTGAGC CACTTTTGGC TGATCAGGC CTAAGCCTG
GGCTGTGGG AGCCCCAGGA TGAGGGAGAC ATGGAGAACA CTGTGTCTG CAGTACCCCC
GGCTGCCAAG GTCTCTACTG CCTCACTTGC TTCCGCCTCC TGGACAATAC CTGCTCCGTG
TGTGCATCTC CCCTCTCCTA CCAGGGGGAC CTGGACCTGG AGCTGGACTC CAGCGATGAG
GAGGGCCCTC AGCTATGGCT GGCTGCAGCT CAAAGGAAGG ACCCTGAGCA GGCATGGTTA
TTGCAGCAAC AGCTCCAAGA AGTGCTCGGC AGGAGCCTCT CAATGGAGTC CACTTCCGAG
TCCAGTGACC TGGATGAGGA GAAGGGGCT CAGCAGAGGA AGCACGGGCA GCAGCCCTTA
CCTGAAGCCC ATCAGCCTGT CAGCATTCTC ACCAGCCCTG AGCCCCACAG ACCACCTGAG
ACATCTCCG CCACTAAAGG AGCCCCACT CCAGCTTCAG AACCTCAGT CCCTCTCTCA
CCTCCCTCTC TTCCTGATCC TTCCACCCA CCCCCAAAT AA

Specificity:

ORF Insert Method: CloneEZ® Seamless cloning technology, recombination-based cloning

Product Details

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: DCST2

Alternative Name: DCST2 ([DCST2 Products](#))

Gene ID: 127579

NCBI Accession: [NM_144622](#)

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

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Publications

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