

Datasheet for ABIN4930492

Human DNAH12 ORF Clone in Mammalian Expression Vector (DYKDDDDK Tag)

Overview

Quantity:	10 µg
Gene:	DNAH12
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 DNAH12 with C terminal DYKDDDDK tag is ideal for express proteins in E.coli & mammalian cells.
Brand:	GenEZ™
Insert Length:	1374 bp
Vector Backbone:	pcDNA3.1+C-(K)-DYK
Promoter:	CMV Promoter
Selectable Marker:	Neomycin
Bacterial Resistance:	Ampicillin
Expression Type:	Transient, Stable
Sequence:	ATGTCAGATG CAAACAAAGC TGCCATTGCA GCAGAAAAGG AAGCTCTGAA CTTGAAGTTA CCCCCATTG TCCATCTCCC AGAAAACATA GCGTTGATA CACCAACACA AAGTAAGCTG CTAAAATACA GAAGATCCAA GGAGCAGCAG CAGAAAATTA ATCAGTTAGT AATTGATGGA GCCAAAAGAA ATTTAGACAG AACACTGGGT AAAAGAACAC CTCTATTACC ACCACCTGAT TATCCTCAAA CTATGACCAG TGAAATGAAA AAAAAAGGAT TCAACTATAT TTATATGAAG

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Product Details

CAATGTGTAG AAAGTAGTCC TTTAGTACCT ATTCAGCAGG AATGGCTGGA TCACATGTTA
AGGCTGATAC CTGAGTCTTT AAAGGAAGGG AAAGAAAGAG AAGAACTTCT TGAAAGTCTC
ATAAATGAGG TGTCAAGTGA CTTTGAAAAC AGCATGAAGA GATATTTGGT GCAGAGCGTT
CTTGTGAAAC CACCAGTTAA ATCGCTTGAA GATGAAGGAG GTCCTTTACC TGAATCTCCT
GTAGGCCTAG ATTATTCTAA TCCTTGGCAT TCTAGCTATG TGCAGGCAAG AAATCAAATA
TTCTCTAATT TGCACATTAT TCATCCAACAT ATGAAAATGT TACTGGACCT TGGTTATACA
ACATTTGCTG ATACAGTTTT GTTGGACTTC ACAGGAATTA GAGCTAAAGG TCCAATTGAC
TGTGAATCAC TGAAAACCTGA TCTATCAATA CAAACTAGAA ACGCAGAAGA GAAGATAATG
AATACATGGT ATCCAAAGGT TATAAATCTC TTTACCAAGA AGGAGGCACT AGAAGGTGTT
AAACCTGAAA AATTGGATGC ATTTTATAGC TGTGTTTCCA CACTTATGTC AAATCAGCTA
AAGGATCTAT TAAGGAGAAC TGTAGAAGGA TTTGTA AAC TCTTTGACCC AAAAGATCAA
CAAAGGCTGC CAATATTTAA GATAGAATTG ACATTTGATG ACGACAAAAT GGAATTTTAT
CCTACCTTTC AAGATTTGGA AGATAATGTC TTGAGTTTGG TGGAACGAAT AGCCGAAGCT
CTGCAGAATG TCCAAACAAT CCCCTCTTGG CTATCAGGAA CTTCAACACC AGTAAATCTT
GACACAGAAC TTCCTGAACA CGTGTTACAC TGGGCTGTTG ATACACTGAA GGCAGCAGTA
CATCGGAACT TAGAAGGTGC AAGAAAGCAT TATGAGACAT ATGTTGAAAA ATATAATTGG
CTCCTTGATG GGAAGTGCAGT TGAGAATATA GAGACTTTTC AGACAGAAGA TCATACTTTT
GATGAATATA CAGAGGAGCT GGATTGCTGG GTGGTATGGG AAGTGTATTT TTAA

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: DNAH12

Alternative Name: DNAH12 ([DNAH12 Products](#))

Gene ID: 201625

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Target Details

NCBI Accession: [NM_198564](#)

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)