

Datasheet for ABIN4927600

Human LRRC70 ORF Clone in Mammalian Expression Vector (DYKDDDDK Tag)

Overview

Quantity:	10 µg
Gene:	LRRC70
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 LRRC70 with C terminal DYKDDDDK tag is ideal for express proteins in E.coli & mammalian cells.
Brand:	GenEZ™
Insert Length:	1869 bp
Vector Backbone:	pcDNA3.1+C-(K)-DYK
Promoter:	CMV Promoter
Selectable Marker:	Neomycin
Bacterial Resistance:	Ampicillin
Expression Type:	Transient, Stable
Sequence:	ATGTGTGGAT TACAGTTTTC TCTGCCTTGC CTACGACTGT TTCTGGTTGT TACCTGTTAT CTTTTATTAT TACTCCACAA AGAAATACTT GGATGTTTCGT CTGTTTGTCA GCTCTGCACT GGGAGACAAA TTAAGTCCCG TAACTTAGGC CTTTCGAGTA TTCCTAAGAA TTTTCCTGAA AGTACAGTTT TTCTGTATCT GACTGGGAAT AATATATCTT ATATAAATGA AAGTGAATTA ACAGGACTTC ATTCTCTTGT AGCATTGTAT TTGGATAATT CTAACATTCT GTATGTATAT

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CCAAAAGCCT TTGTTCAATT GAGGCATCTA TATTTTCTAT TTCTAAATAA TAATTCATC
AAACGCTTAG ATCCTGGAAT ATTTAAGGGA CTTTAAATC TTCGTAATTT ATATTTACAG
TATAATCAGG TATCTTTTGT TCCGAGAGGA GTATTTAATG ATCTAGTTTC AGTTCAGTAC
TTAAATCTAC AAAGGAATCG CCTCACTGTC CTTGGGAGTG GTACCTTTGT TGGTATGGTT
GCTCTTCGGA TACTTGATTT ATCAAACAAT AACATTTTGA GGATATCAGA ATCAGGCTTT
CAACATCTTG AAAACCTTGC TTGTTTGTAT TTAGGAAGTA ATAATTTAAC AAAAGTACCA
TCAAATGCCT TTGAAGTACT TAAAAGTCTT AGAAGACTTT CTTTGTCTCA TAATCCTATT
GAAGCAATAC AGCCCTTTGC ATTTAAAGGA CTTGCCAATC TGAATACCT CCTCCTGAAA
AATTCAAGAA TTAGGAATGT TACTAGGGAT GGGTTTAGTG GAATTAATAA TCTTAAACAT
TTGATCTTAA GTCATAATGA TTAGAGAAT TAAATTCTG ACACATTCAG TTTGTAAAG
AATTTAATTT ACCTTAAGTT AGATAGAAAC AGAATAATTA GCATTGATAA TGATACATTT
GAAAATATGG GAGCATCTTT GAAGATCCTT AATCTGTCAT TTAATAATCT TACAGCCTTG
CATCCAAGGG TCCTTAAGCC GTTGTCTTCA TTGATTCATC TTCAGGCAAA TTCTAATCCT
TGGGAATGTA ACTGCAAAC TTTGGGCCTT CGAGACTGGC TAGCATCTTC AGCCATTACT
CTAAACATCT ATTGTCAGAA TCCCCCATCC ATGCGTGGCA GAGCATTACG TTATATTAAC
ATTACAAATT GTGTTACATC TTCAATAAAT GTATCCAGAG CTTGGGCTGT TGTAATCT
CCTCATATTC ATCACAAGAC TACTGCGCTA ATGATGGCCT GGCATAAAGT AACCACAAAT
GGCAGTCCTC TGGAAAATAC TGAGACTGAG AACATTACTT TCTGGGAACG AATTCCTACT
TCACCTGCTG GTAGATTTTT TCAAGAGAAT GCCTTTGGTA ATCCATTAGA GACTACAGCA
GTGTTACCTG TGCAAATACA ACTTACTACT TCTGTTACCT TGAACCTGGA AAAAAACAGT
GCTCTACCGA ATGATGCTGC TTCAATGTCA GGGAAAACAT CTCTAATTTG TACACAAGAA
GTTGAGAAGT TGAATGAGGC TTTTGACATT TTGCTAGCTT TTTTCATCTT AGCTTGTGTT
TTAATCATTT TTTTGATCTA CAAAGTTGTT CAGTTTAAAC AAAAATAAA GGCATCAGAA
AACTCAAGGG AAAATAGACT TGAATACTAC AGCTTTTATC AGTCAGCAAG GTATAATGTA
ACTGCCTCAA TTTGTAACAC TTCCCCAAAT TCTCTAGAAA GTCCTGGCTT GGAGCAGATT
CGACTTCATA AACAAATTGT TCCTGAAAAT GAGGCACAGG TCATTCTTTT TGAACATTCT
GCTTTATAA

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'

Product Details

Grade: End-sequenced

Components: The GenEZ ORF clone is delivered as 10 µg of lyophilized plasmid DNA in a vial.

Target Details

Gene: LRRC70

Alternative Name: LRRC70 ([LRRC70 Products](#))

Gene ID: 100130733

NCBI Accession: [NM_181506](#)

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)