

Datasheet for ABIN4927841

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

Overview

Quantity:	10 µg
Gene:	LEUTX
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 LEUTX with C terminal DYKDDDDK tag is ideal for express proteins in E.coli & mammalian cells.
Brand:	GenEZ™
Insert Length:	507 bp
Vector Backbone:	pcDNA3.1+C-(K)-DYK
Promoter:	CMV Promoter
Selectable Marker:	Neomycin
Bacterial Resistance:	Ampicillin
Expression Type:	Transient, Stable
Sequence:	<p>ATGCACCCAA GTTTGGCTAC AATGGGGAAA CTGGCTTCAA AGCTACAACCT TGATCTATCC</p> <p>GTAGTAAAGA TCTGGTTCAA GAACCAGCGT GCCAAATGGA AGAGGCAGCA GCGGCAGCAA</p> <p>ATGCAGACAC GGCCATCACT AGGGCCAGCA AACCAGACAA CTTCAGTGAA GAAGGAGGAG</p> <p>ACTCCCTCAG CCATAACTAC TGCAAACATT CGTCCAGTAA GTCCTGGAAT CTCTGATGCA</p> <p>AATGACCATG ATCTACGTGA GCCTTCTGGT ATCAAGAATC CTGGAGGAGC CAGCGCCTCT</p>

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Product Details

GCGAGGGTTT CATCCTGGGA TTCTCAGTCA TATGACATTG AACAGATATG TCTGGGGGCT
TCAAATCCTC CTTGGGCCTC CACTCTCTTT GAAATAGATG AATTTGTAAA GATCTATGAC
TTGCCAGGGG AAGATGACAC CAGCAGCCTA AATCAATATC TTTTCCAGT ATGCCTTGAG
TATGACCAGC TCCAATCTTC AGTGTA

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: LEUTX

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

Gene ID: 342900

NCBI Accession: [NM_001143832](#)

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.

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Handling

- 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)