

Datasheet for ABIN4927835

## Human LGALS16 ORF Clone in Mammalian Expression Vector (DYKDDDDK Tag)

### Overview

Quantity:	10 µg
Gene:	Galectin-16 (LGALS16)
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 LGALS16 with C terminal DYKDDDDK tag is ideal for express proteins in E.coli & mammalian cells.
Brand:	GenEZ™
Insert Length:	429 bp
Vector Backbone:	pcDNA3.1+C-(K)-DYK
Promoter:	CMV Promoter
Selectable Marker:	Neomycin
Bacterial Resistance:	Ampicillin
Expression Type:	Transient, Stable
Sequence:	ATGTCATTTT TAACTGTGCC ATACAACTG CCTGTGTCTT TGTCTGTTGG TTCCTGCGTG ATAATCAAAG GGACTGAT CGACTCTTCT ATCAACGAAC CACAGCTGCA GGTGGATTC TAACTGAGA TGAATGAGGA CTCAGAAATT GCCTCCATT TGCAGTGCA CTTAGGCCGT CGTGTGGTCA TGAACAGTCG TGAGTTTGGG ATATGGATGT TGGAGGAGAA TTTAACTAT

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## Product Details

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GTGCCCTTTG AGGATGGCAA ACCATTTGAC TTGCGCATCT ACGTGTGTCA CAATGAGTAT  
GAGGTAAAGG TAAATGGTGA ATACATTTAT GCCTTTGTCC ATCGAATCCC GCCATCATAT  
GTGAAGATGA TTCAAGTGTG GAGAGATGTC TCCCTGGACT CAGTGCTTGT CAACAATGGA  
CGGAGATGA

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

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Gene: Galectin-16 (LGALS16)

Alternative Name: LGALS16

Gene ID: 148003

NCBI Accession: [NM\\_001190441](#)

## Application Details

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Restrictions: For Research Use only

## Handling

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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

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- Close the lid and vortex the vial for 1 minute.
- Aliquot the dissolved plasmid DNA and store in small aliquots at -20°C.

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Expiry Date: 12 months

## Publications

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