

Datasheet for ABIN4927837

Human LGALS14 ORF Clone in Mammalian Expression Vector (DYKDDDDK Tag)

Overview

Quantity:	10 µg
Gene:	LGALS14
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 LGALS14 with C terminal DYKDDDDK tag is ideal for express proteins in E.coli & mammalian cells.
Brand:	GenEZ™
Insert Length:	420 bp
Vector Backbone:	pcDNA3.1+C-(K)-DYK
Promoter:	CMV Promoter
Selectable Marker:	Neomycin
Bacterial Resistance:	Ampicillin
Expression Type:	Transient, Stable
Sequence:	ATGTCATCAC TACCCGTACC ATACACACTG CCTGTTTCCT TGCCTGTTGG TTCGTGCGTG ATAATCACAG GGACACCGAT CCTCACTTTT GTCAAGGACC CACAGCTGGA GGTGAATTC TACACTGGGA TGGATGAGGA CTCAGATATT GCTTTCCAAT TCCGACTGCA CTTTGGTCAT CCTGCAATCA TGAACAGTTG TGTGTTTGGC ATATGGAGAT ATGAGGAGAA ATGCTACTAT

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Product Details

TTACCCTTTG AAGATGGCAA ACCATTTGAG CTGTGCATCT ATGTGCGTCA CAAGGAATAC
AAGGTAATGG TAAATGGCCA ACGCATTTAC AACTTTGCCC ATCGATTCCC GCCAGCATCT
GTGAAGATGC TGCAAGTCTT CAGAGATATC TCCCTGACCA GAGTGCTTAT CAGCGATTGA

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: LGALS14

Alternative Name: LGALS14 ([LGALS14 Products](#))

Background: This gene is predominantly expressed in placenta. The encoded protein belongs to the galectin (galaptin/S-lectin) family. The members of galectin family contain one or two carbohydrate recognition domains, which can bind beta-galactoside. Two alternatively spliced transcript variants encoding distinct isoforms have been observed. [provided by RefSeq, Jul 2008].

Gene ID: 56891

NCBI Accession: [NM_020129](#)

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.

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Handling

- 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)