



182

79015™

Description

Organism: *Homo sapiens*, human

Clone type: Clone

Shipping information: Rehydrate with TE

Storage Conditions

Product format: Freeze-dried

Intended Use

This product is intended for laboratory research use only. It is not intended for any animal or human therapeutic use, any human or animal consumption, or any diagnostic use.

BSL 1

ATCC determines the biosafety level of a material based on our risk assessment as guided by the current edition of *Biosafety in Microbiological and Biomedical Laboratories (BMBL)*, U.S. Department of Health and Human Services. It is your responsibility to understand the hazards associated with the material per your organization's policies and procedures as well as any other applicable regulations as enforced by your local or national agencies.

Certificate of Analysis

For batch-specific test results, refer to the applicable certificate of analysis that can be found at www.atcc.org.

Insert Information

Insert size (kb): 35

Type of DNA: genomic

Insert source: leukocyte

Insert tissue: leukocyte

Insert information:

DESCRIPTION OF INSERT COMPONENT:

Genomic copy number: unique

Cross references: DNA Seq. Acc.: J05303

Genome: Homo sapiens

Chromosome: 22

22 q12-q13.1

Gene name: lectin, galactoside-binding, soluble, 1

Gene product: lectin, galactoside-binding, soluble, 1 [LGALS1]

Gene symbol: LGALS1

Contains complete coding sequence: Unknown

Insert end: Mbol

Vector Information

Construct size (kb): 40.0

Intact vector size: 5.400

Vector name: pJB8

Type of vector: cosmid

Construction: HomerI

Host range: *Escherichia coli*

Vector end: BamHI

Cloning sites: BamHI; EcoRI

Markers: ampR

Replicon: pMB1

Notes

Restriction digests of the clone give the following sizes (kb): PstI--4.2, 4.2, 3.0, 3.0, 3.0, 2.35, 2.05, 1.95, 1.9, 1.7, 1.5, 1.35, 1.25, 1.1, 0.92, 0.9, 0.85, 0.85, 0.8, 0.76, 0.72, 0.48, 0.42, 0.35; PvuII--4.6, 4.4, 4.1, 3.7, 3.7, 3.2, 2.2, 2.0, 1.9, 1.65, 1.25, 1.25, 1.0, 1.0, 0.75, 0.65, 0.6, 0.46, 0.4, 0.4; EcoRI--12.0, 8.0, 7.0, 4.5, 3.3, 1.65, 0.84; EcoRI/BamHI--8.4, 8.4, 4.5, 4.3, 3.65, 2.25, 1.85, 1.78, 1.7, 1.15, 0.8; EcoRI/PstI--4.2, 3.3, 3.0, 3.0, 2.35, 2.2, 1.75, 1.55, 1.35, 1.2, 1.15, 1.1, 1.0, 0.95, 0.95, 0.84, 0.75, 0.68

+smaller. IMPORTANT: To prevent amplification of a rearranged and/or deleted cosmid, we recommend streaking on LB + amp plates at 30C and picking small colonies for liquid culture.

- ATCC staff

The sequence record begins at a Sp1 binding site consensus approximately 260 bp 5' to the initiator ATG.

- Biochemistry 30: 82-89, 1991

Contains the complete gene (4 exons).

- Biochemistry 30: 82-89, 1991

Introns 2 and 3 contain Alu repeats.

- Biochemistry 30: 82-89, 1991

The 4428 nt sequenced region includes the following restriction sites (nt from the 5' end): PstI--531, 642, 1011 (all intron 1), 1850 (intron 2); 3218 (intron 3); EcoRI--4211 (exon 4).

- Biochemistry 30: 82-89, 1991

Material Citation

If use of this material results in a scientific publication, please cite the material in the

following manner: 182 (ATCC 79015)

References

References and other information relating to this material are available at www.atcc.org.

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Contact Information

182

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ATCC

10801 University Boulevard

Manassas, VA 20110-2209

USA

US telephone: 800-638-6597

Worldwide telephone: +1-703-365-2700

Email: tech@atcc.org or contact your local distributor
