alpha4 [UTR-00723, WI-9025]

95495™

Description

Detects:

Genome: Homo sapiens

Strain: MOLT-4 cell line

Tissue: acute lymphoblastic leukemia

Gene symbol: ITGA4

Type of nucleic acid: mRNA

Invariant bands (kb): 5-6

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): 3.8050000000000002
Type of DNA: cDNA
Insert source: HPB-mLT cell line
Insert tissue: HPB-mLT cell line
Insert information:
DESCRIPTION OF INSERT COMPONENT:
receptor)
Disease: leukemia, T-cell
Cross references: DNA Seq. Acc.: X16983
Nucleotides 1-3805 of the insert correspond to
nucleotides 1-3805 of X16983.
Disease: leukemia, T-cell
Genome: Homo sapiens
Chromosome: 2
2 q31-q32; 2, 913.240000 cR
Gene name: integrin, alpha 4 (CD49D, alpha 4 subunit of VLA-4
Gene product: integrin, alpha 4 (CD49D, alpha 4 subunit of VLA-4 receptor)(integrin, alpha 4) [ITGA4]
Gene symbol: ITGA4
Contains complete coding sequence: Yes
Insert end: Modification: EcoRI linker

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Vector Information

Construct size (kb): 6.769999980926514
Intact vector size: 2.964
Vector name: pBluescript KS-
Type of vector: phagemid
Construction: pUC19
Host range: *Escherichia coli*
Vector end: EcoRI closer to SalI; EcoRI
Cloning sites: SacII; XmaII; NotI; XbaI; SpeI; BamHI; SmaI; PstI; EcoRI; EcoRV; HindIII; ClaI; SalI HincII AccI; XhoI; DraII; ApaI; KpnI
Enhancer: none
Insert detection: lacZ'
Markers: ampR
Polylinker sites: SEE COMMENTS
Promoters: T7; T3; lac
Replicon: pMB1; f1
Terminator: none

Notes

Restriction digests of the clone give the following sizes (kb): SalI/XbaI--3.8, 2.9; BamHI--3.3, 3.3; HindIII--5.6, 1.0; EcoRI--3.0, 2.0, 1.8; XbaI--6.7.
- ATCC staff

The insert contains the following restriction sites (approximate kb from the 5' end): BamHI--1.83; HindIII--0.94 EcoRI--1.83.
- GenBank/EMBL/DDBJ

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: alpha4 [UTR-00723, WI-9025] (ATCC 95495)

References

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

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Contact Information

ATCC
10801 University Boulevard

alpha4 [UTR-00723, WI-9025]

95495

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