



p58-CL49

95706™

Product Sheet

Description

Organism: *Homo sapiens*, human

Clone type: Clone

Host: *Escherichia coli* HB101 (ATCC 33694)

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): 1.5529999999999999

Type of DNA: cDNA

Insert source: Resting CD3- cells

Insert tissue: Resting CD3- cells

Insert information:

DESCRIPTION OF INSERT COMPONENT:

ORF's seq. position: GDB probe: GDB:698358 ()

Insert 5' end: Modification: Sall linker

Insert 3' end: Modification: NotI linker

Cross references: DNA Seq. Acc.: U24079

Nucleotides 1-1535 of the insert correspond to nucleotides 1-1535 of U24079.

Genome: Homo sapiens

Chromosome: 19

19 q13.4; 19, 374.860000 cR

Gene name: killer cell inhibitory receptor

Gene product: killer cell inhibitory receptor [KIR]

Gene symbol: KIR; NKB1

Contains complete coding sequence: Yes

Vector Information

Construct size (kb): 5.6500000095367432

Intact vector size: 4.109

Vector name: pSPORT1

Type of vector: plasmid

Host range: *Escherichia coli*

Vector end: Sall; NotI

Cloning sites: AatII; SphI; mLuI; SunI; SnaBI; HindIII; BamHI; XbaI; XmaII; NotI; SpeI; SstI;

Sall; AclI; SmaI; EcoRI; Kpn2I; RsrII; PinAI; KpnI; Sse8387I; PstI

Insert detection: lacZ', <-, 1-341

Markers: ampR

MCS: AatII...PstI, ->, 191-285

Polylinker sites: AatII; SphI; mLuI; SunI; SnaBI; HindIII; BamHI; XbaI; XmaII; NotI; SpeI; SstI; SalI; AccI; SmaI; EcoRI; Kpn2I; RsrII; PstI; KpnI; Sse8387I; PstI

Promoters: SP6; T7

Replicon: pMB1, 1903-1903

Repressor gene: lacI, <-, 464-1546

Growth Conditions

Medium:

ATCC Medium 1227: LB Medium (ATCC medium 1065) with 50 mcg/ml ampicillin

Temperature: 37°C

Notes

Restriction digests of the clone give the following sizes (kb): NotI/SalI--4.4, 1.6; EcoRV--5.7; PstI--4.8, 0.4, 0.35, 0.1; PvuII--3.7, 1.4, 0.6, 0.1; XhoI--5.7. Recommended for verification: SalI, NotI, NotI/SalI, EcoRI, PstI.
- ATCC staff

Encodes a variant recognized by monoclonal antibody GL183 but not EB6.
- Immunity 2: 439-449, 1995

Insert contains the following restriction sites (approximate kb from the 5' end): PstI--0.04, 0.44, 0.51, 0.84; PvuII--1.13; SacI--0.45; StuI--1.06; XhoI--0.63.
- Immunity 2: 439-449, 1995

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: p58-CL49 (ATCC 95706)

References

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

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