



# p58-CL6

95698<sup>TM</sup>

Product Sheet

## Description

**Organism:** *Homo sapiens*, human

**Clone type:** Clone

**Host:** *Escherichia coli* HB101 (ATCC 33694)

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## Storage Conditions

**Product format:** Freeze-dried

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## 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.

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## 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.

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## Certificate of Analysis



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For batch-specific test results, refer to the applicable certificate of analysis that can be found at [www.atcc.org](http://www.atcc.org).

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## Insert Information

**Insert size (kb):** 1.6100000000000001

**Type of DNA:** cDNA

**Insert source:** NK3.3 cell line

**Insert tissue:** NK3.3 cell line

**Insert information:**

DESCRIPTION OF INSERT COMPONENT:

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

Insert 5' end: Modification: Sall linker

Insert 3' end: Modification: Notl linker

Cross references: DNA Seq. Acc.: U24074

Nucleotides 1-1579 of the insert correspond to nucleotides 1-1579 of U24074.

**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

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## Vector Information

**Construct size (kb):** 5.71999979019165

**Intact vector size:** 4.109

**Vector name:** pSPORT1

**Type of vector:** plasmid

**Host range:** *Escherichia coli*

**Vector end:** Sall; Notl

**Cloning sites:** AatII; SphI; mLul; SunI; SnaBI; HindIII; BamHI; XbaI; XmaII; NotI; Spel; SstI; Sall; Accl; SmaI; EcoRI; KpnII; RsrII; PstI; KpnI; Sse8387I; PstI

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

**Markers:** ampR

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

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

**Promoters:** SP6; T7

**Replicon:** pMB1, 1903-1903

**Repressor gene:** lacI, <-, 464-1546

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## Growth Conditions

### Medium:

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

**Temperature:** 37°C

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## Notes

Restriction digests of the clone give the following sizes (kb): NotI/SalI--4.4, 1.6; EcoRV--4.5, 1.5; PstI--5.0, 0.4, 0.35, 0.1; PvuII--4.0, 1.4, 0.6; XbaI--6.0.

- ATCC staff

Encodes a variant recognized by monoclonal antibody GL183 but not EB6.

- Immunity 2: 439-449, 1995

The insert contains the following restriction sites (approximate kb from the 5' end): EcoRV--1.01; NdeI--0.93; PstI--0.07, 0.46, 0.54, 0.87; PvuII--1.15; SacI--0.48; SstI--1.08; XbaI--0.65.

- Immunity 2: 439-449, 1995

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## Material Citation

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If use of this material results in a scientific publication, please cite the material in the following manner: p58-CL6 (ATCC 95698)

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## References

References and other information relating to this material are available at [www.atcc.org](http://www.atcc.org).

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