



HSE26.1

79075™

Product Sheet

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): 0.90000000000000002

Type of DNA: cDNA

Insert source: T lymphocyte, activated

Insert tissue: T lymphocyte, activated

Insert information:

DESCRIPTION OF INSERT COMPONENT:

Genomic copy number: unique

serine esterase 1)

Cross references: DNA Seq. Acc.: J04071

Genome: Homo sapiens

Chromosome: 14

14 q11.2

Gene name: granzyme B (granzyme 2, cytotoxic T-lymphocyte-associated

Gene product: cytotoxic serine protease B [CCPI]

Gene symbol: GZMB; CTLA1; CSPB; CCPI; CGL-1

Contains complete coding sequence: Yes

Insert end: Modification: EcoRI linkers

Vector Information

Construct size (kb): 3.799999952316284

Intact vector size: 2.878

Vector name: pIBI24

Type of vector: phagemid

Construction: pEMBL

Host range: *Escherichia coli*

Vector end: EcoRI

Cloning sites: EcoRI; SstI; KpnI; XmaI; SmaI; BamHI; XbaI; SalI; AccI; HincII; PstI; XhoI; ApaI; mLuI; SphI; HindIII

Enhancer: none

Insert detection: lacZ'

Markers: ampR

Polylinker sites: EcoRI; SstI; KpnI; XmaI; SmaI; BamHI; XbaI; SalI; AccI; HincII; PstI; XhoI; ApaI; mLuI; SphI; HindIII

Promoters: lac; T7

Replicon: pMB1; f1

Terminator: none

Notes

Restriction digests of the clone give the following sizes (kb): BglI--2.05, 1.35, 0.66; EcoRI--3.15, 0.92; HindIII--3.2, 0.82; PstI--3.65, 0.39; PvuII--2.7, 0.76, 0.36, 0.20; SalI--3.95.

- ATCC staff

Contains the complete coding sequence (nt 17-760).

- Proc. Natl. Acad. Sci. USA 85: 6924-6928, 1988

Detects genomic restriction fragments of the following sizes (approximate kb): human, BamHI--12; human, BglII--14; human, BclI--10; human, EcoRV--18; human, TaqI--3.5, 2.5; human, PstI--4.0, 2.2; mouse, PstI--4.0.

- Proc. Natl. Acad. Sci. USA 85: 6924-6928, 1988

The insert contains the following restriction sites (approximate kb from the 5' end): PvuII--0.2, 0.35; ApaI--0.22; PstI--0.35; BglI--0.4; TaqI--0.56; HindIII--0.72.

- Proc. Natl. Acad. Sci. USA 85: 6924-6928, 1988

Material Citation

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

following manner: HSE26.1 (ATCC 79075)

References

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

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