



BP-TIE2-W2-1

87507™

Product Sheet

Description

Organism: *Homo sapiens*, human

Clone type: Clone

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

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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): 3.3999999999999999

Type of DNA: cDNA

Insert information:

DESCRIPTION OF INSERT COMPONENT:

ORF's seq. position: DNA Seq. Acc.: L06139 ()

Insert 5' end: XhoI

Insert 3' end: EagI

Cross references:

Genome: human

Chromosome: 9

9 p21

Gene name: TEK tyrosine kinase, endothelial, mutated

Gene product: TEK tyrosine kinase, endothelial, mutated [TEK]

Gene symbol: TEK

Contains complete coding sequence: Yes

Vector Information

Construct size (kb): 8.8999999618530273

Intact vector size: 5.538

Vector name: pBacPAK8

Type of vector: phagemid

Vector end: XhoI; EagI

Vector information:

stop codons: stop codons, ->

Cloning sites: BstXI; mLuI; EcoRV; HindIII; DraIII; Scal

Coding sequence: AcMNPV

Markers: ampR

MCS: multiple cloning site, ->

Polylinker sites: BamHI; Sse8387I; PstI; StuI; XhoI; BstBI; XbaI; BglII; Asp718I; KpnI;

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Ecl136II; SacI; EcoRI; XmaI; SmaI; EagI; NotI; PaeI

Promoters: polyhedrin**Replicon:** M13; pMB1

Notes

Restriction digests of the clone give the following sizes (kb): PstI--8.0, 0.96;

BamHI--7.8, 1.1; NcoI/XhoI--5.6, 2.8, 0.5.

- ATCC staff

The insert contains the following restriction sites (approximate kb from the 5' end): PstI--0.9, 1.4; SmaI--2.9.

- GenBank/EMBL/DDBJ

ATCC 87508 contains wild-type receptor tyrosine kinase TIE2 and ATCC 87507 contains a mutant gene that has a point mutation at position 2545 from C to T, resulting in an R849W substitution.

- Cell 87: 1181-1190, 1996

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: BP-TIE2-W2-1 (ATCC 87507)

References

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

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