



VHL cosmid 11 in *Escherichia coli*

87742™

Description

This construct contains exon 1 of the von Hippel-Lindau (VHL) disease tumor suppressor gene and ~30 kb of the upstream region. This region is a critical region deleted in renal cell carcinomas.

Clone type: Clone

Host: *Escherichia coli* HB101 (ATCC 33694)

Deposited As: human

Shipping information: *Escherichia coli* containing the cosmid in glycerol stock

Storage Conditions

Product format: Frozen

Storage conditions: -80°C or colder

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

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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): 40

Type of DNA: genomic

Insert source: renal cell carcinoma

Insert tissue: renal cell carcinoma

Insert information:

Disease: von Hippel-Lindau tumor

Insert ends: BamHI, Sau3AI

Genbank accession: AF010238 (partial sequence)

Insert end: BamHI; Sau3AI

Vector Information

Construct size (kb): 48.5

Intact vector size: 8.5

Vector name: pWek

Type of vector: cosmid

Markers: ampR

Growth Conditions

Medium:

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

Temperature: 30°C

Handling Procedures

1. Thaw contents of the vial in a 37°C water bath with gentle agitation.
 2. Transfer a loopful to a test tube containing 5 mL LB+50 µg/mL of ampicillin broth. A loopful of culture can also be streaked on an LB + amp agar plate. Incubate cultures at 30°C.
 3. Isolate DNA using standard cosmid preparation procedures.
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Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: VHL cosmid 11 in *Escherichia coli* (ATCC 87742)

References

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

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