

# **Description**

This vector overproduces yeast truncated cystathionine beta-synthase (CBS). The truncated version was made by using PCR to insert two nonsense codons (TAA and TAG) after the site encoding the residue 353 amino acid of the full length CBS (F-CBS) gene on pF-SEC (ATCC# 87791). ?Biochemistry 39: 10548-10556,

2000

Clone type: Vector

Genotype: E. coli CB149 genotype: delta trp EDCBA2 hsdR514 (rk- mk+) supE44

supF58 lacY1 lacU169 galK2 galT22.

**Deposited As:** Saccharomyces cerevisiae Hansen, teleomorph

**Shipping information:** Escherichia coli containing the plasmid 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<sub>1</sub>

ATCC determines the biosafety level of a material based on our risk assessment as quided by the current edition of *Biosafety in Microbiological and Biomedical Laboratories* 



**pTSEC** 87792

(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

Gene product: cystathionine beta synthase

## **Vector Information**

**Construct size (kb):** 5.679999828338623

**Vector name:** pTSEC (plasmid)

**Construction:** pSTR4-2

Vector information: primer site: 5'-TTGACAATTAATCATCCGGC-3'

Markers: ampR

Primer site: 5'-TTGACAATTAATCATCCGGC-3'

**Promoters:** Ptrc

Terminator: rrnBT1; rrnBT2

## **Growth Conditions**

Medium:

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

**Temperature:** 37°C





## **Material Citation**

If use of this material results in a scientific publication, please cite the material in the following manner: pTSEC (ATCC 87792)

### References

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

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## Revision

This information on this document was last updated on 2025-09-13





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