hNET lambda1

99548™

Description

Organism: *Homo sapiens*, human
Clone type: Clone
Shipping information: bacteria-free lysate

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): 13.5
Type of DNA: genomic
Insert source: lung fibroblast
Insert tissue: lung fibroblast
Insert information:
DESCRIPTION OF INSERT COMPONENT:
norepinephrine), member 5
ORF's seq. position: GDB probe: GDB:136379 ()
Cross references: DNA Seq. Acc.: X91118
Nucleotides ~7390~8410 of the insert correspond to
nucleotides 1-1017 of X91118.
DNA Seq. Acc.: X91119
Nucleotides ~9600~10400 of the insert correspond to
nucleotides 1-922 of X91119.
DNA Seq. Acc.: X91124
Nucleotides ~1700~2060 of the insert correspond to
nucleotides 1-357 of X91124.
DNA Seq. Acc.: X91125
Nucleotides ~3110~3520 of the insert correspond to
nucleotides 1-361 of X91125.
DNA Seq. Acc.: X91126
Nucleotides ~4060~4460 of the insert correspond to
nucleotides 1-395 of X91126.
DNA Seq. Acc.: X91127
Nucleotides ~5780~6760 of the insert correspond to
nucleotides 1-980 of X91127.
Genome: Homo sapiens
Chromosome: 16
16 q13-q21
Gene name: solute carrier family 6 (neurotransmitter transporter,
Gene product: solute carrier family 6 (neurotransmitter transporter, norepinephrine),

member 5 [NET1]
Gene symbol: SLC6A5; NET1
Contains complete coding sequence: No
Insert end: Sau3AI

Vector Information

Construct size (kb): 42.70000076293945
Intact vector size: 41.900
Vector name: lambdaFIX
Type of vector: phage
Host range: *Escherichia coli*
Vector end: XhoI
Cloning sites: SalI; XhoI; EcoRI
Markers: ampR
Polylinker sites: XbaI; SacI; NotI; SacI; SalI; XhoI; EcoRI; XbaI
Promoters: T7; T3
Replicon: lambda

Growth Conditions

Temperature: 37°C

Notes

Restriction digests of the clone give the following sizes (kb): NotI-- >9.0; EcoRI-- >9.0, 5.2, 0.6, 0.5; SacI-- >9.0, 4.4, 3.2, 2.6, 2.0, 1.7, 0.25; XbaI-- >9.0, 4.0, 1.2.
- ATCC staff

The insert contains the following restriction sites (approximate kb from 5' end): EcoRI--1.30, 1.90, 2.40, 7.60; SacI--3.35, 7.75, 7.95, 9.90, 13.05; XbaI--9.55, 13.45.

- personal communication

ATCC 99548 contains exons 6-14 of the 14 exons which comprise the norepinephrine transporter gene.
- Biochem. Biophys. Res. Commun. 215: 1145-1150, 1995

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: hNET lambda1 (ATCC 99548)

References

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

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