



pDRD2E5.6

95510™

Product Sheet

Description

Detects:

Genome: *Homo sapiens*

Gene symbol: DRD2

Type of nucleic acid: genomic

Restriction enzyme: TaqI

Number of alleles: 2

Type of polymorphism: site

Alleles:

Allele Freq. Size (kb) Strains

B1 0.13 4.5

B2 0.87 4.0

Organism: *Homo sapiens*, human

Clone type: Clone

Host: *Escherichia coli* XL1-Blue

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): 5.5999999999999996

Type of DNA: genomic

Insert information:

DESCRIPTION OF INSERT COMPONENT:

Genomic copy number: unique

Insert 5' end: EcoRI

Insert 3' end: EcoRI

Cross references:

Genome: Homo sapiens

Chromosome: 11

11 q22.2-q22.3

Gene name: dopamine receptor D2

Gene product: dopamine receptor D2 [DRD2]

Gene symbol: DRD2

Alleles: A1, B1, B2, A2

Contains complete coding sequence: Unknown

Vector Information

Construct size (kb): 8.5600004196167

Intact vector size: 2.961

Vector name: pBluescript II SK

Type of vector: phagemid

Host range: *Escherichia coli*

Vector end: EcoRI

Cloning sites: BssHII; KpnI; ApaI; DraIII; XhoI; HincII; AclI; SalI; ClaI; HindIII; EcoRI; PstI; SmaI; BamHI; XbaI; NotI; EagI; SacI

Insert detection: lacZ'

Markers: ampR

Polylinker sites: BssHII; KpnI; ApaI; DraIII; XhoI; HincII; AclI; SalI; ClaI; HindIII; EcoRI; PstI; SmaI; BamHI; XbaI; NotI; EagI; SacI

Promoters: T7; T3; lac

Replicon: pMB1; f1

Growth Conditions

Medium:

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

Temperature: 37°C

Notes

Restriction digests of the clone give the following sizes (kb): EcoRI--5.8, 3.0;

BamHI--8.0, 0.6; HindIII--8.6; PstI--4.0, 1.5, 1.35, 0.8, 0.5, 0.3;

HindIII/PstI--3.4, 1.5, 1.3, 0.8, 0.8, 0.5, 0.3.

- ATCC staff

The insert contains a 4.5Kb TaqI fragment. The downstream portion of pDRD2E5.6 overlaps the Suarez clone pH2-254.

- personal communication

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: pDRD2E5.6 (ATCC 95510)

References

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

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