Vector pLNCX2 Containing HLA-A*0205 Allele

Catalog No. NR-2781

For research use only. Not for human use.

Contributor:
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Product Description:
The HLA-A*0205 allele from a human Major Histocompatibility Complex (MHC) Class I human leukocyte antigen (HLA)-homozygous human B-lymphoblastoid cell line (B-LCL) was amplified by PCR, gel purified and cloned into the Clontech Laboratories vector, pLNCX2 by the International Histocompatibility Working Group (IHWG). The plasmid was produced in Escherichia coli DH5α™-T1R cells (Invitrogen™) and extracted using a QIAGEN® EndoFree® Plasmid Maxi Kit.

Allele: 1,2  HLA-A*0205
Vector:  pLNCX2
Insert Size:  1.15 kb
Selection:  Ampicillin (Prokaryotic)/G418 (Eukaryotic)
IHWG B-LCL:  9373
ImMunoGeneTics:  HLA00010

NR-2781 has been qualified for use in bacterial transformations.

Material Provided:
Each vial contains approximately 35 ng of plasmid DNA in TE buffer (10 mM Tris-HCl, 1 mM EDTA, pH 7.0). The concentration is shown on the Certificate of Analysis. The vial should be centrifuged prior to opening.

Packaging/Storage:
NR-2781 was packaged aseptically in screw-capped plastic cryovials. The product is provided frozen on dry ice and should be stored at -20°C or colder immediately upon arrival. Freeze-thaw cycles should be minimized.

Citation:
Acknowledgment for publications should read “The following reagent was obtained through the NIH Biodefense and Emerging Infections Research Resources Repository, NIAID, NIH: Vector pLNCX2 Containing HLA-A*0205 Allele, NR-2781.”

Biosafety Level: 1


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References:

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