Product Information Sheet for NR-2792

**Vector** pLNCX2 Containing HLA-A*6601 Allele

**Catalog No.** NR-2792

For research use only. Not for human use.

**Contributor:**
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**Manufacturer:**
NIH Biodefense and Emerging Infections Research Resources Repository, NIAID, NIH

**Product Description:**
The HLA-A*6601 allele from a human Major Histocompatibility Complex (MHC) Class I human leukocyte antigen (HLA)-hemozygous 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: HLA-A*6601
Vector: pLNCX2
Insert Size: 1.15 kb
Selection: Ampicillin (Prokaryotic)/G418 (Eukaryotic)
IHWG B-LCL: 9267
ImMunoGeneTics: HLA00112
GenBank: U17571

NR-2792 has been qualified for use in bacterial transformations.

**Material Provided:**
Each vial contains 20 to 50 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-2792 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*6601 Allele, NR-2792.”

**Biosafety Level:**
1


**Disclaimers:**
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**References:**

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