

Influenza Virus B/Hong Kong/330/2001 Nucleoprotein Diverse Peptide

Catalog No. NR-36048

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Product Description: NR-36048 is a peptide that represents one region of amino acid sequence diversity in the nucleoprotein (NP) of influenza virus B/Hong Kong/330/2001 (GenPept: AAT69437) compared to the NP of influenza virus B/Florida/4/2006 (GenPept: ACF54251; peptide array available as BEI Resources NR-36045). It also represents a sequence within influenza virus B/Hong Kong/330/2001 that could be recognized by CD4 T cells.

Lot: P595784-C

The following information applies to all peptides:

- Appearance White lyophilized powder
- Mass spectral analysis Correct MW by Electrospray or MALDI
- Counter Ion Trifluoroacetate

Peptide-specific information is shown in the two tables below.

| Table 1 | | | | | | |
|----------|--------------|--------|-------------------------|------------------------|----------------|-----------------|
| Peptide | Date of Mfg. | Length | Sequence | Molecular Weight (amu) | Purity by HPLC | Peptide Content |
| NR-36048 | 6/7/2012 | 17 | 11-TGTIDKAPEETNSGTSG-27 | 1667 | 94.1% | 75.1% |

| Table 2-Amino Acid Analysis | | | | | | | | | | | | | | | | | | | |
|-----------------------------|----------|---------|---------|-----------|---------|-----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| Peptide | | Ala (A) | Arg (R) | Asx (N,D) | Cys (C) | Glx (Q,E) | Gly (G) | His (H) | Ile (I) | Leu (L) | Lys (K) | Met (M) | Phe (F) | Pro (P) | Ser (S) | Thr (T) | Trp (W) | Tyr (Y) | Val (V) |
| NR-36048 | Expected | 1.00 | | 2.00 | | 2.00 | 3.00 | | 1.00 | | 1.00 | | | 1.00 | 2.00 | 4.00 | | | |
| | Actual | 1.03 | | 2.07 | | 2.03 | 3.03 | | 1.02 | | 1.05 | | | 1.02 | 1.90 | 4.03 | | | |

Date: 08 AUG 2012

Signature: *Dorothy C. Young*

Title: Technical Manager, BEI Authentication or designee

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