

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

**Catalog No. NR-36049**

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**Product Description:** NR-36049 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-36049	6/4/2012	17	16-KAPEETNSGTSGTTRPI-32	1748	99.8%	69.6%

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-36049	Expected	1.00	1.00	1.00		2.00	2.00		1.00		1.00			2.00	2.00	4.00			
	Actual	1.01	1.04	1.02		2.02	2.03		1.03		1.02			2.04	1.92	4.04			

**Date:** 08 AUG 2012

**Signature:** *Dorothy C. Young*

**Title:** Technical Manager, BEI Authentication or designee

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