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**Product Data Sheet**


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Product Name: Vietnam HN31242/2007

Cat. No.: GP25491

Batch No.: 1

**Product Data**

Purity &gt;98%

Source Baculovirus

Physical  
Appearance solidShipping  
Condition Shipped with Ice Packs.Amino Acid  
Sequence

ADPMDQICIG YHANNSTEQV DTIMEKNVTV THAQDILEKT HNGKLCDLDG  
VKPLILRDCS VAGWLLGNPM CDEFINPEW SYIVEKANPA NDLCYPGNFN  
DYEELKHLLS RINHFEDIQI IPKSSWSDHE ASSGVSSACP YQGVPSFFRN  
VWVLIKKNNT YPTIKRSYNN TNQEDLLILW GIHHSNDAAE QTKLYQNPTT  
YISVGTSTLN QRLVPKIATR SKVNGQSGRM DFFWTILKPN DAINFESNGN  
FIAPEYAYKI VKKGDSAIMK SEVEYGNCNT KCQTPIGAIN SSMPFHNIHP  
LTIGECPKYV KSNKLVLATG LRNSPLHHHH HH.

Formulation

The H5N1 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0) and 10% glycerol.

**Introduction**

Influenza A virus subtype H5N1 is a subtype of the Influenza A virus. Subtype H5N1 is commonly known as avian influenza or bird flu. H5N1 may cause more than one influenza pandemic as it is expected to continue mutating in birds. The dominant strain of HPAI A (H5N1) evolved creating the Z genotype. It has also been called Asian lineage HPAI/A/H5N1 which is divided into 2 antigenic clades. "Clade 1 includes human and bird isolates from Vietnam, Thailand, and Cambodia and bird isolates from Laos and Malaysia. Clade 2 viruses were first identified in bird isolates from China, Indonesia, Japan, and South Korea before spreading westward to the Middle East, Europe, and Africa.

**Stability**

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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Address: 10292 Central Ave. #205, Montclair, CA, USA

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### Background

Recombinant Vietnam HN31242/2007 produced in Hi-5 cell of Baculovirus is a single polypeptide chain containing 332 amino acids (17-338) and having a molecular mass of 37.4kDa. H5N1 is fused to a 6 amino acid His-tag at C-terminus & purified by proprietary chromatographic techniques.

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