

Hemagglutinin-Influenza A Virus H5N1 Vietnam HN31242/2007 Recom-

Item Number	rAP-5421
Synonyms	
Description	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.
Uniprot Accession Number	A9YU04
Amino Acid Sequence	ADPMDQICIG YHANNSTEQV DTIMEKNVTV THAQDILEKT HNGKLCDLDG VKPLILRDCS VAG-WLLGNPM CDEFINVPEW SYIVEKANPA NDLCPGNFN DYEELKHLLS RINHFEEKI IPKSSWSDHE ASSGVSSACP YQGVPSFFRN VVWLIKKNNT YPTIKRSYNN TNQEDLLILW GIHHSNDAAE QTKLYQNPTT YISVGTSTLN QRLVPKIATR SKVNGQSGRM DFFWTILKPN DAINFESNGN FIAPEYAYKI VKKGDSAIMK SEVEYGNCNT KCQTPIGAIN SSMPFHNIHP LTIGECPKYV KSNKLVLATG LRNSPLHHHH HH.
Source	Baculovirus
Physical Appearance and Stability	Sterile Filtered colorless solution. 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.
Formulation and Purity	The H5N1 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0) and 10% glycerol. Greater than 90% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**