

H5 (H5N1) (A/Vietnam/1203/2004) Recombinant Protein | H5 recombinant protein

H5 (H5N1) (aa 18-530)(A/Vietnam/1203/2004)

CATALOG #
AAA13745

APPLICATIONS
Western Blot, ELISA

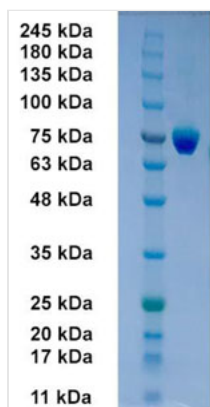
PRODUCT SYNONYMS

H5 (H5N1) (A/Vietnam/1203/2004); H5 (H5N1) (aa 18-530)(A/Vietnam/1203/2004); glycosylated recombinant protein; HA (H5N1)(aa 18-530) (A/Vietnam/1203/2004); H5 (H5N1); 6xHis tagged Hemagglutinin (A/Vietnam/1203/2004) (aa 18-530); H5 recombinant protein

PRODUCT SPECIFICATIONS

Purity/Purification	? 95% (SDS-PAGE)
Concentration	1 ug/ul in PBS. (varies by lot)
Sequence	QICIGYHANN STEQVDTIME KNVTVTHAQD ILEKKHNGKL CDLDGVKPLI LRDCSVAGWL LGNPMCDEFI NVPEWSYIVE KANPVNDLCY PGDFNDYEEL KHLLSRINHF EKIQIIPKSS WSSHEASLGV SSACPYQGKS SFFRNVVWLI KKNSTYPTIK RSYNNTNQED LLVLWGIHHP NDAAEQTKLY QNPPTYISVG TSTLNQRLVP RIATRSKVNG QSGRMEFFWT ILKPNDAINF ESNGNFIAPE YAYKIVKKGD STIMKSELEY GNCNTKCQTP MGAINSSMPF HNIHPLTIGE CPKYVKSRL VLATGLRNSP QREGLFGAIA GFIEGGWQGM VDGWYGYHHS NEQGSYAAD KESTQKAIDG VTNKVNSIID KMNTQFEAVG REFNNLERRI ENLNKKMEDG FLDVWYNAE LLVLMENERT LDFHDSNVKN LYDKVRLQLR DNAKELGNGC FEFYHKCDNE CMESVRNGTY DYPQYSEEAR LKREEISGVK LESIGIYHHH HHH
Applicable Applications for H5 recombinant protein	WB (Western Blot), ELISA, Antigen
Endotoxin	<0.01 EU per 1 ug of the protein by LAL test.
Viral Protein	C-terminal 6xHis tagged HA (H5N1) (A/Vietnam/1203/2004) protein(amino acid 18-530)with a 6-amino acid (RRRKKR) deletion(GenBank accession# AAW80717). Majority of the protein exists as trimer/oligomer.
Preparation and Storage	Store at -20 degree C. Stable for 3-months from the date of receipt when kept at 4 degree C. Non-hazardous. No MSDS required.

IMAGES



Application Data

SDS - PAGE : purified HA (H5N1) (A/Vietnam/1203/2004) (aa18 - 530) protein.

ADDITIONAL INFORMATION

Related Product Information for H5 recombinant protein	Description: Viral protein purified from 293 cell culture. Introduction: Influenza hemagglutinin (HA) is a type of hemagglutinin found on the surface of the influenza viruses. HA is an antigenic glycoprotein, like all other hemagglutinins, it causes red blood cells to agglutinate. HA is responsible for binding the virus to the cell that is being infected. HA proteins bind to cells with sialic acid on the membranes, such as cells in the upper respiratory tract or erythrocytes. HA is a homotrimeric integral membrane glycoprotein. HA monomer is synthesized as a single polypeptide that is subsequently cleaved into two smaller polypeptides, the HA1 and HA2 subunits. Each HA monomer consists of a long, helical chain anchored in the membrane by HA2 and topped by a large HA1 globule.
Product Categories/Family for H5 recombinant protein	Viral Recombinant Proteins; Influenza

NCBI AND UNIPROT INFORMATION

NCBI GI #	58618438
NCBI Official Full Name	hemagglutinin HA
UniProt Protein Name	Hemagglutinin
UniProt Gene Name	HA
UniProt Entry Name	Q5EP31_9INFA

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/ha-recombinant-protein-wb-western-blot-elisa-antigen/13745>