

H5 (H5N1) (A/Bar-headed Goose/Qinghai/12/2005) Recombinant Protein | H5 recombinant protein

H5 (H5N1) (aa 17-530)(A/Bar-headed Goose/Qinghai/12/2005)

CATALOG # AAA62173	HOST 293 cell culture	APPLICATIONS ELISA, Western Blot
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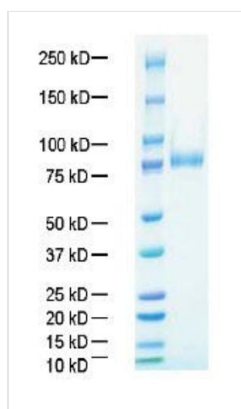
PRODUCT SYNONYMS

H5 (H5N1) (A/Bar-headed Goose/Qinghai/12/2005); H5 (H5N1) (aa 17-530)(A/Bar-headed Goose/Qinghai/12/2005); HA1 (H5N1) (A/Bar-headed Goose/Qinghai/12/2005); glycosylated recombinant protein; HA (aa 17-530)(H5N1) (A/Bar-headed Goose/Qinghai/12/2005); H5 (H5N1); 6xHis tagged Hemagglutinin (A/Bar-headed Goose/Qinghai/12/2005) (aa 17-530); H5 recombinant protein

PRODUCT SPECIFICATIONS

Host	293 cell culture
Purity/Purification	> 95% pure by 10% SDS-PAGE gel
Concentration	1 ug/ul in PBS (varies by lot)
Sequence Length	567
Applicable Applications for H5 recombinant protein	ELISA, WB (Western Blot)
Viral Protein	C-terminal 6xHis tagged H5 (H5N1) (A/Bar-headed Goose/Qinghai/12/2005) (Genebank No. ABE68927) protein (amino acid 17-530) with deletion at its cleavage site (RRRKRR). Majority of the protein exists as trimer/oligomer.
Preparation and Storage	Store at -20°C. Stable for 6-months from the date of shipment when kept at 4°C. Non-hazardous. No MSDS required.

IMAGES



Application Data

SDS-PAGE Data: purified H5 (H5N1) (A/Bar-headed Goose/Qinghai/12/2005) 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 #	91984129
Molecular Weight	64,159 Da
NCBI Official Full Name	hemagglutinin, partial
UniProt Protein Name	Hemagglutinin
UniProt Gene Name	HA
UniProt Entry Name	Q1PSN4_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-293-cell-culture-elisa-wb-western-blot/62173>