

Product datasheet for **AR50309PU-N**

Influenza A H1N1 (A/New York/3571/2009 (18-344, His-tagged)) Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Influenza A H1N1 A/New York/3571/2009 (18-344, His-tagged) recombinant protein, 0.25 mg
Expression cDNA Clone or AA Sequence:	ADLMDTLCIG YHANNSTDTV DTVLEKNVTV THSVNLLLEDK HNGKLCCLRG VAPLHLGKCN IAGWILGNPE CESLSTASSW SYIVETSSSD NGTCYPGDFI DYEELREQLS SVSSFERFEI FPKTSSWPNH DSNKGVTAAC PHAGAKSFYK NLIWLKKGKGN SYPKLSKSYI NDKGKEVLVL WGIHPSTSA DQQSLYQNAD AYVFGSSRY SKKFKPEIAI RPKVRDQEGR MNYWTLVEP GDKITFEATG NLVVPYAFYA MERNAGSGII ISDTPVHDCN TTCQTPKGAI NTSLPFQNIH PITIGKCPKY VKSTKLRLAT GLRNVPSIQS RSRHHHHHHH
Tag:	His-tag
Predicted MW:	37.8 kDa
Concentration:	lot specific
Purity:	>90% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 10% glycerol
Preparation:	Liquid purified protein
Protein Description:	Recombinant Influenza A virus (A/ New York/3571/2009 (H1N1)) HA1 protein, fused to His-tag at C-terminus, was expressed in Hi-5 cell using baculovirus expression system and purified by using conventional chromatography.
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Synonyms:	hemagglutinin, Influenza A virus (A/New York/3571/2009 H1N1) haemagglutinin



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Summary:

HA1 (hemagglutinin1) belongs to the influenza viruses hemagglutinin family. Influenza hemagglutinin (HA) or haemagglutinin is a type of hemagglutinin found on the surface of the influenza viruses. It is an antigenic glycoprotein. It is responsible for binding the virus to the cell that is being infected. HA protein has two functions. Firstly, it allows the recognition of target vertebrate cells, accomplished through the binding of these cells' sialic acid-containing receptors. Secondly, once bound it facilitates the entry of the viral genome into the target cells by causing the fusion of host endosomal membrane with the viral membrane.

Product images: