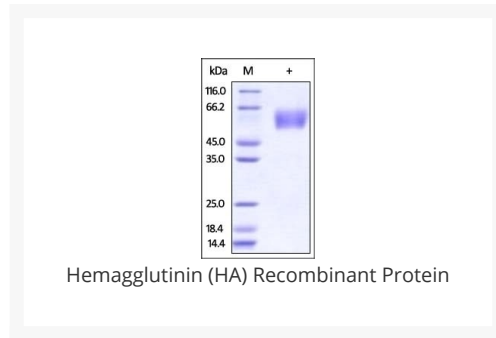




Hemagglutinin (HA) Recombinant Protein

Cat. No.: 97-055



Ψ Specifications

SPECIES:	Influenza
SOURCE SPECIES:	HEK293 cells
SEQUENCE:	Asp 19 - Arg 338
FUSION TAG:	His Tag
TESTED APPLICATIONS:	WB
APPLICATIONS:	This recombinant protein can be used for WB. For research use only.
PREDICTED MOLECULAR WEIGHT:	37.5 kDa

Ψ Properties

PURITY:	>95% as determined by SDS-PAGE. Endotoxin level is less than 1.0 EU per ug by the LAL method.
PHYSICAL STATE:	Lyophilized
BUFFER:	PBS, pH7.4

STORAGE CONDITIONS:	Lyophilized Protein should be stored at -20° C or lower for long term storage. Upon reconstitution, working aliquots should be stored at -20° C or -70° C. Avoid repeated freeze-thaw cycles.
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Ψ Additional Info

OFFICIAL SYMBOL:	Hemagglutinin (HA)
ALTERNATE NAMES:	#REF!
ACCESSION NO.:	Q80KD9

Ψ Background and References

BACKGROUND:	Neuraminidase (NA) and hemagglutinin (HA) are major membrane glycoproteins found on the surface of influenza virus. Hemagglutinin binds to the sialic acid-containing receptors on the surface of host cells during initial infection and at the end of an infectious cycle. Hemagglutinin also plays a major role in the determination of host range restriction and virulence. As a class I viral fusion protein, hemagglutinin is responsible for penetration of the virus into the cell cytoplasm by mediating the fusion of the membrane of the endocytosed virus particle with the endosomal membrane.
REFERENCES:	1) Suarez D.L.,et al., 1998, J. Virol. 72:6678-6688

ANTIBODIES FOR RESEARCH USE ONLY.

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