Active Recombinant Influenza A [A/Shanghai/2/2013(H7N9)] HA protein, His-tagged

Cat. No. HA-1544I **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Influenza A [A/Shanghai/2/2013(H7N9)] HA protein(Asp19-Gly338,Leu341-Asp523), fused with His tag, was expressed in HEK293.
Species	Influenza A [A/Shanghai/2/2013(H7N9)]
Source	HEK293
ProteinLength	19-338;341-523 a.a.
Form	Lyophilized from 0.22 μm filtered solution in PBS, pH7.4.
Bio-activity	Immobilized Influenza A [A/Shanghai/2/2013(H7N9)] HA, His Tag at 2 μg/mL (100 μL/well) can bind Influenza A H7N9 Hemagglutinin (HA) Affinity Purified Polyclonal Ab, Rabbit IgG with a linear range of 0.006-0.1 μg/mL.
Molecular Mass	This protein carries a polyhistidine tag at the C-terminus.The protein has a calculated MW of 56.7 kDa. The protein migrates as 63-75 kDa under reducing (R) condition (SDS-PAGE).
Proteinlength	Asp19-Gly338,Leu341-Asp523
Endotoxin	Less than 1.0 EU per μg by the LAL method.
Purity	>95% as determined by SDS-PAGE.>90% as determined by SEC-MALS.

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Storage	For long term, the product should be stored at lyophilized state at -20°C or lower.Please avoid repeated freeze-thaw cycles. This product is stable after at: -20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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