

# Recombinant Monkeypox virus HA Protein, His and Sumo-tagged

**Cat. No.** HA-233M    **Lot. No.** (See product label)

## SPECIFICATION

### Product Overview

Recombinant Monkeypox virus HA Protein with His and Sumo tag was expressed in E. coli.

### Species

MPX

### Source

E.coli

### Description

Monkeypox is a rare zoonosis caused by monkeypox virus, which has become the most serious orthopoxvirus and consists of complex double stranded DNA. The cases are mostly in central and western Africa. The pathogenesis of monkeypox is that the virus invades the body from respiratory mucosa, multiplies in lymphocytes, and incurs into blood producing transient venereal toxemia. After the virus multiplies in cells, the cells can invade the blood and propagate to the skin of the whole body, causing lesions.

### Molecular Mass

~48 kDa

### AA Sequence

HMTQLPILLLLISLVYATPSPQTSKIGDDATISCSRNTNYYVMSAWYKEPNSIILLA  
AKSDVLYFDNYTKDKISYDSPYDDLVTITIKSLTAGDAGTYICAFFMTSTTNDTDKVD  
YEEYSIELIVNTDSESTIDIILSGSTPETISEKPEDIDNSNCSSVFEIATPEPITDNVEDHT  
DTVTYTSDSINTVNASSGESTTDETPEPITDKEEDHTVTDTVSYTTVSTSSGIVTTKST  
TDDADLYDTYNDNDTPPTTVGGSTTSISNYKTKDFVEIFGITTLIILSAVAIFCITYIIC  
NKHPRKYKTENKVL

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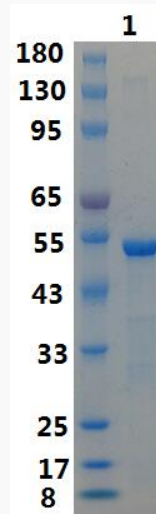
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<b>Purity</b>	Transferred into competent cells and the supernatant was purified by NI column affinity chromatography and the purity is > 85% (by SDS-PAGE).
<b>Notes</b>	For research use only, not for use in diagnostic procedure.
<b>Storage</b>	Store at 4 centigrade short term. Aliquot and store at -20 centigrade long term. Avoid freeze-thaw cycles.
<b>Storage Buffer</b>	PBS, pH7.4

## GENE INFORMATION

<b>Official Symbol</b>	HA
<b>Synonyms</b>	HA
<b>UniProt ID</b>	<a href="#">Q8AZ47</a>

### SDS-PAGE



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