Nucleoprotein/NP Protein, Influenza A virus H3N2 (His-SUMO)

Cat. No.:	HY-P72285
Synonyms:	NP; Nucleoprotein; Nucleocapsid protein; Protein N
Species:	Virus
Source:	E. coli
Accession:	P69291 (M1-N498)
Gene ID:	/
Molecular Weight:	Approximately 72.0 kDa

PROPERTIES

AA Sequence	M A S Q G T K R S Y E Q M E T D G E R Q N A T E I R A S V G K M I D G I G R F Y I Q M C T E L K L S D Y E G R L I Q N S L T V E R M V L S A F D E R R N R Y L E E H P S A G K D P K K T G G P I Y K R V G G R W M R E L V L Y D K E E I R R I W R Q A N N G D D A T R G L T H M M I W H S N L N D T T Y Q R T R A L V R T G M D P R M C S L M Q G S T L P R R S G A A G A A V K G I G T M V M E L I R M I K R G I N D R N F W R G E N G R K T R S A Y E R M C N I L K G K F Q T A A Q R A M M D Q V R E S R N P G N A E I E D L I F S A R S A L I L R G S V A H K S C L P A C V Y G P A V S S G Y D F E K E G Y S L V G I D P F K L L Q N S Q V Y S L I R P N E N P A H K S Q L V W M A C H S A A F E D L R L L S F I R G T K V S P R G K L S T R G V Q I A S N E N M D N M E S S T L E L R S R Y W A I R T R S G G N T N Q Q R A S A G Q I S V Q P T F S V Q R N L P F E K S T V M A A F T G N T E G R T S D M R A E I I R M M E G A K P E E V S F R G R G V F E L S D E K A T N P I V P S F D M S N E G S Y F F G D N A E E Y D N
Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.2 μm sterile filtered 20 mM Tris-HCl, 0.5 M NaCl, 6% Trehalose, pH 8.0.
Endotoxin Level	<1.0 EU/μg, determined by LAL method.
Reconsititution	It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH_2O.
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

DESCRIPTION

Background	Furthermore, the protein plays a role in repressing the innate antiviral response by facilitating the formation of the NMI-IFI35 complex through ubiquitination of NMI. During viral infection, it promotes cell pyroptosis by mediating ubiquitination of ISG12a/IFI27 and facilitating its translocation into the mitochondria, leading to CASP3 activation. It also mediates polyubiquitination of G3BP1 in response to heat shock, resulting in stress granule disassembly.

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