

Hemagglutinin neuraminidase/HN Protein, Mumps virus strain SBL-1 (Cell-Free, His)

Cat. No.:	HY-P702318
Synonyms:	Hemagglutinin-neuraminidase
Species:	Virus
Source:	E. coli Cell-free
Accession:	P19762 (M1-T582)
Gene ID:	/
Molecular Weight:	65.4 kDa

PROPERTIES

AA Sequence	<pre> MEPSKLFIMS DNATVAPGPV VNAAGKKTFR TCFRILVLSV QAVTLILVIV TLGELIRMIN DQGLSNQLSS ITDKIRESAA VIASAVGVMN QVIHGVTVSL PLQIEGNQNG LLSTLATICT NRNQVSN CST NIPLVNDLRF INGINKFIE DYATHDFSIG NPLNMPSFIP TATSPNGCTR IPSFSLGKTH WCYTHNVINA NCKDHTSSNQ YVSMGILVQT ASGYPMFKTL KIQYLSDG LN RKSCSIATVP DGCAMYCYVS TQLEANDYAG SSPPTQKLTL LFYNDTITER TISPSGLEGN WATLVPGVGS GIYFENKLIF PAYGGVLPNS TLGVKSAREF FRPVNPNPC SGPPQELDQR ALRSYFPRYF SSRRVQSAFL VCAWNQILVT NCELVVPSNN QTLMGAEGRV LLINNRLLYY QRSTSWWPYE LLYEISFTFT NSGQSSVNMS WIP IYSFTPP GSGNCSGKNV CPTVCVSGVY LDPWPLTPYS HQSGINRNFY FTGALLNSST TRVNPTLYVS ALNNLKVLAP YGTQGLFASY TTTTCFQDTG DASVYCVYIM ELASNIVGEF QILPVLARLT IT </pre>
Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.22 µm filtered solution of Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH ₂ O. For long term storage it is recommended to add 5-50% of glycerol (final concentration). Our default final concentration of glycerol is 50%. Customers could use it as reference.
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

The Hemagglutinin neuraminidase (HN) protein is a key player in viral infection. It facilitates the attachment of the virus to cell receptors that contain sialic acid, initiating the infection process. When the HN protein binds to the receptor, it prompts a structural change that enables the F protein to initiate fusion between the virus and the cell membranes, facilitating the entry of the virus into the host cell. Additionally, the HN protein possesses neuraminidase activity, which plays a crucial role in the efficient spread of the virus. This activity helps in dissociating mature virions from glycoproteins containing neuraminic acid, allowing the virus to propagate effectively.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA