

Polyprotein orf1a Protein, SARS coronavirus MA15 (Cell-Free, His)

Cat. No.:	HY-P702415
Synonyms:	Polyprotein orf1a
Species:	Virus
Source:	E. coli Cell-free
Accession:	F2YDB2 (K2741-Q3240)
Gene ID:	/
Molecular Weight:	58.8 kDa

PROPERTIES

AA Sequence

K I V S T C F K L M	L K A T L L C V L A	A L V C Y I V M P V	H T L S I H D G Y T
N E I I G Y K A I Q	D G V T R D I I S T	D D C F A N K H A G	F D A W F S Q R G G
S Y K N D K S C P V	V A A I I T R E I G	F I V P G L P G T V	L R A I N G D F L H
F L P R V F S A V G	N I C Y T P S K L I	E Y S D F A T S A C	V L A A E C T I F K
D A M G K P V P Y C	Y D T N L L E G S I	S Y S E L R P D T R	Y V L M D G S I I Q
F P N T Y L E G S V	R V V T T F D A E Y	C R H G T C E R S E	V G I C L S T S G R
W V L N N E H Y R A	L S G V F C G V D A	M N L I A N I F T P	L V Q P V G A L D V
S A S V V A G G I I	A I L V T C A A Y Y	F M K F R R V F G E	Y N H V V A A N A L
L F L M S F T I L C	L V P A Y S F L P G	V Y S V F Y L Y L T	F Y F T N D V S F L
A H L Q W F A M F S	P I V P F W I T A I	Y V F C I S L K H C	H W F F N N Y L R K
R V M F N G V T F S	T F E E A A L C T F	L L N K E M Y L K L	R S E T L L P L T Q
Y N R Y L A L Y N K	Y K Y F S G A L D T	T S Y R E A A C C H	L A K A L N D F S N
S G A D V L Y Q P P	Q T S I T S A V L Q		

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 ddH₂O. 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.

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