



Recombinant strain A/England/878/1969 H3N2 HA Protein Product Manual

1. Product Basic Information

Product No.: REP07069

Protein Name: HA

Aliases: haemagglutinin

UniProt ID: Q0HD60

UniProt Link: <https://www.uniprot.org/uniprotkb/Q0HD60/entry>

Species Source: Influenza A virus (strain A/England/878/1969 H3N2)

Expression System: E.coli

Protein Length: Full Length (1-328aa)

Molecular Weight: 52.1kDa

Protein Tag: N-terminal 6xHis-SUMO-tagged

2. Amino Acid Sequence (1-328aa)

QDLPGNDNSTATLCLGHHAVPNGTLVKTITNDQIEVTNATELVQSSSTGKICNNPHR
ILDGINCTLIDALLGDPHCDVFQDETWDLFVERSKAFSNCYPYDVPDYASLRSLVAS
SGTLEFITEGFTWTGVTQNGGSNACKRGPDSGFFSRLNWLTGSGSTYPVLNVTMP
NNDNFDKLYIWGVHHPSTNQEQTSLYVQASGRVTVSTRRSQQTIIPNIGSRPWVRG
LSSRISIWWTIVKPGDVLVINSNGNLIAPRGYFKMRTGKSSIMRSDAPIDTCISECITPN
GSIPNDKPFQNVNKITYGACPKYVKQNTLKLATGMRNVPEKQT

3. Storage Buffer

Liquid Delivery Form: Tris/PBS-based buffer with 5%-50% glycerol. Custom glycerol content is available upon customer request (please specify requirements when placing orders).

Lyophilized Powder Delivery Form: Pre-lyophilization buffer is Tris/PBS-based buffer containing 6% Trehalose.

4. Storage Conditions

Upon receipt, store the product at -20°C or -80°C. It is recommended to aliquot the protein for multiple uses to avoid repeated freeze-thaw cycles, which may cause protein denaturation and activity loss.

5. Product Description

This product is a recombinant strain A/England/878/1969 H3N2 HA full length protein (1-328aa) expressed in E.coli. The protein is with 6xHis-SUMO tag at the N-terminus, which facilitates protein purification, detection and identification. HA, also known as haemagglutinin, is suitable for related in vitro functional assays, protein interaction studies, antibody preparation and other biomedical research applications.

6. Notes

- Repeated freezing and thawing of the product is strictly prohibited to ensure protein stability and biological activity.
- For special buffer component requirements, please submit a note when purchasing.
- This product is only for scientific research use, not for clinical diagnosis, treatment or commercial production purposes.