Product Data Sheet

Product Name: HA peptide
Catalog Number: AS-21156 (1 mg)  Lot Number: See label on vial
                      AS-21158 (5 mg)
Sequence: H-Tyr-Pro-Tyr-Asp-Val-Pro-Asp-Tyr-Ala-OH (3-letter code)
               YPYDVPDYA (1-letter code)
Molecular Weight: 1103.2
Peptide Purity: >95%
Appearance: Lyophilized white powder

Peptide Reconstitution: HA peptide is freely soluble in H2O.

Storage: HA peptide is shipped at ambient temperature. Upon receipt, store lyophilized peptide at –20°C or lower. Reconstituted peptide can be aliquoted and stored at –20°C or lower.


Additional Information: Listed below are relevant information that may provide a guideline on how to use this product. End users will have to adapt to their own specific applications.

The bHA10,11,12 HA peptide was obtained in crude form by Anaspec (San Jose, CA) and purified and characterized in the same manner. Peptides were loaded onto the purified HLA-DR1 (10–20 µM) by extended incubation (=72 h) at 37°C using a 50- to 100-fold molar excess of peptide over HLA-DR1, in 10 mM HEPES, 50 mM NaCl, 0.02% NaN3 (pH 7.0), in the presence of a protease inhibitor mixture consisting of 200 µM 4-(2-aminoethyl)-benzenesulfonfonyl fluoride, 17 µM bestatin, 2 µM E-64, 85 µM EDTA, and 20 µM pepstatin A (all from Calbiochem, San Diego, CA). Stratikos, E. et al. J. Immunol. 172, 1109 (2004).

Published Citations:

### Related Products:

<table>
<thead>
<tr>
<th>Name</th>
<th>Cat#</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>Influenza HA (307-319) (PKYVKQLNLKTLAT)</td>
<td>AS-61028</td>
<td>1 mg</td>
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<tr>
<td>3 x Hemagglutinin (HA) Tag (MEYPYDVPDYAAEYPYDVPDYAAEYPYDVPDYAAEYKLE)</td>
<td>AS-63764</td>
<td>1 mg</td>
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<tr>
<td>Influenza Virus Control Peptide Pool</td>
<td>AS-62340</td>
<td>3 mg</td>
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