Product Information Sheet for NR-31097

F Protein with C-Terminal Histidine Tag from Respiratory Syncytial Virus, B1, Recombinant from Baculovirus

Catalog No. NR-31097
This reagent is the tangible property of the U.S. Government.

For research use only. Not for human use.

Contributor:
BEI Resources

Manufacturer:
Chesapeake PERL, Inc.

Product Description:
A recombinant form of the fusion (F) glycoprotein from respiratory syncytial virus, B1 containing an enterokinase-cleavable C-terminal histidine tag was produced by baculovirus infection of Trichoplusia ni insect larvae and purified by standard chromatographic methods. The predicted protein sequence is shown in Table 1.

Material Provided:
Each vial contains approximately 0.1 mg of purified recombinant F protein in 20 mM Tris buffer (pH 7.4) containing 100 mM NaCl, 0.025% Triton X-100, and 200 mM arginine. The concentration, expressed as mg/mL, is shown on the Certificate of Analysis.

Packaging/Storage:
NR-31097 was packaged aseptically, in screw-capped plastic cryovials. This product is provided on dry ice and should be stored at -80°C or colder. Before opening, tap the vial gently to bring all material to the bottom of the tube. Repeated freeze-thaw cycles should be avoided.

Citation:
Acknowledgment for publications should read “The following reagent was obtained through BEI Resources, NIAID, NIH: F Protein with C-Terminal Histidine Tag from Respiratory Syncytial Virus, B1, Recombinant from Baculovirus, NR-31097.”

Biosafety Level: 1

Disclaimers:
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References:
2. Personal Communication, C-PERL, Inc.

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<thead>
<tr>
<th>Table 1 - Predicted Protein Sequence</th>
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F Protein – Residues 1 to 504
Enterokinase cleavage site - 505-509
His Tag – Residues 510 to 515