

Soluble Fusion Glycoprotein with C-Terminal Histidine Tag from Respiratory Syncytial Virus, A2, Recombinant Produced in 293F Cells

Catalog No. NR-28908

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For research use only. Not for human use.

Contributor:

BEI Resources

Manufacturer:

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Product Description:

A recombinant form of the fusion glycoprotein (F) from respiratory syncytial virus (RSV) was produced by transfection of 293F cells with a plasmid encoding a sequence-optimized F gene from RSV, A2. The transmembrane and cytoplasmic domain sequences were removed from the 3' end of the plasmid gene and were replaced with sequences encoding a trimerization domain and a 6-histidine tag. Soluble protein was purified from the cell culture supernatant using nickel chromatography. Fractions containing the protein were pooled and dialyzed against PBS.

Material Provided:

Each vial contains 0.1 mg of purified soluble recombinant F protein in PBS (pH 7.4). The protein concentration, expressed in mg/mL, is shown on the Certificate of Analysis for each lot.

Packaging/Storage:

Purified soluble recombinant F protein was packaged aseptically, in screw-capped plastic cryovials. This product is provided on ice bricks and should be stored at -20°C or colder immediately upon arrival.

Citation:

Acknowledgment for publications should read "The following reagent was obtained through BEI Resources, NIAID, NIH: Soluble Fusion Glycoprotein with C-Terminal Histidine Tag from Respiratory Syncytial Virus, A2, Recombinant Produced in 293F Cells, NR-28908."

Biosafety Level: 1

Appropriate safety procedures should always be used with this material. Laboratory safety is discussed in the following publication: U.S. Department of Health and Human Services,

Public Health Service, Centers for Disease Control and Prevention, and National Institutes of Health. Biosafety in Microbiological and Biomedical Laboratories. 5th ed. Washington, DC: U.S. Government Printing Office, 2009; see www.cdc.gov/biosafety/publications/bmbl5/index.htm.

Disclaimers:

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