Mink Interferon Alpha 13 Protein, Recombinant from Baculovirus

Catalog No. NR-43943
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Contributor and Manufacturer:
BEI Resources

Product Description:
A recombinant form of the mink interferon alpha (IFN-α) 13 protein with a glutathione S-transferase (GST) expression tag was produced in Sf9 insect cells using a baculovirus expression vector system, purified by GST affinity chromatography, and treated with thrombin to remove the GST tag. The thrombin-treated protein was further purified prior to final formulation. The recombinant protein has a predicted molecular weight of approximately 19 kilodaltons. The full-length mink IFN-α 13 precursor protein is 187 residues (GenPept: ABU63128), and shares 93% amino acid identity with ferret IFN-α (GenPept: ABN12935). The fusion protein expression vector was designed as described for human IFN-α by Rabhi-Essafi et al.1

Material Provided:
Each vial contains approximately 50 µg of purified recombinant IFN-α 13 protein in PBS (pH 7.4). The protein content in µg and the concentration, expressed as µg/mL, are shown on the Certificate of Analysis.

Packaging/Storage:
Purified recombinant IFN-α 13 protein was packaged aseptically in screw-capped plastic cryovials. This product is provided on blue ice and should be stored at -20°C immediately upon arrival.

Citation:
Acknowledgment for publications should read “The following reagent was obtained through BEI Resources, NIAID, NIH: Mink Interferon Alpha 13 Protein, Recombinant from Baculovirus, NR-43943.”

Biosafety Level: 1

Disclaimers:
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References:

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