

**Mink Interferon Beta Protein with C-Terminal Histidine Tag, Recombinant from Baculovirus**

**Catalog No. NR-48828**

This reagent is the property of the U.S. Government.

**Product Description:** A recombinant form of the mink interferon beta (IFN-β) protein containing a C-terminal hexa-histidine tag was produced in Sf9 insect cells using a baculovirus expression vector system and purified by nickel affinity chromatography.

**Lot: 62926223**

**Manufacturing Date: 21NOV2014**

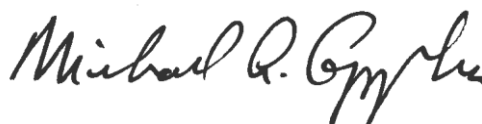
TEST	SPECIFICATIONS	RESULTS
<b>Appearance</b>	Clear and colorless	Clear and colorless
<b>Purity by SDS-PAGE Densitometry Scan</b>	Protein band of interest represents ≥ 95% of total staining intensity above background	Protein band of ~ 20 kDa accounts for ~ 95% of total staining intensity above background (Figure 1)
<b>Concentration by Bradford Assay<sup>1</sup></b>	Report results	396 µg per mL
<b>Final Product</b> Quantity per vial Volume per vial	Report results Report results	103 µg 260 µL
<b>Identification by Western Blot Analysis</b> Monoclonal anti-IFN-β <sup>2</sup> Monoclonal anti-histidine tag <sup>3</sup>	Reactive Reactive	Reactive (Figure 2) Reactive (Figure 3)
<b>Endotoxin Content (Endosafe<sup>®</sup>-PTS<sup>™</sup> Assay)</b>	Report results	< 1.25 EU per mg protein
<b>Sterility</b>	0.2 µm filtered	0.2 µm filtered

<sup>1</sup>Using BSA as a standard

<sup>2</sup>BEI Resources NR-48629 (1:10000 dilution)

<sup>3</sup>R & D Systems<sup>®</sup> (Cat. No. MAB050) (IgG1) (1:1000 dilution)

**Date:** 31 MAR 2015

**Signature:** 

**Title:** Technical Manager, BEI Authentication or designee

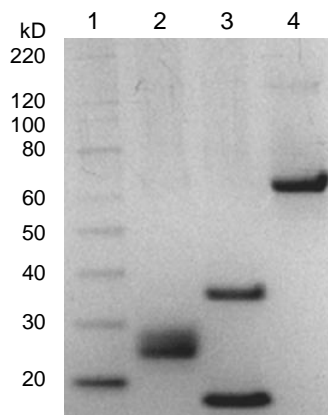
ATCC<sup>®</sup>, on behalf of BEI Resources, hereby represents and warrants that the material provided under this certificate has been subjected to the tests and procedures specified and that the results described, along with any other data provided in this certificate, are true and accurate to the best of ATCC<sup>®</sup>'s knowledge.

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You are authorized to use this product for research use only. It is not intended for human use.

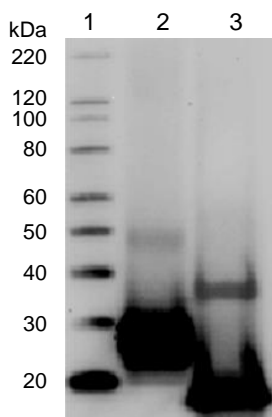


**Figure 1: SDS-PAGE**



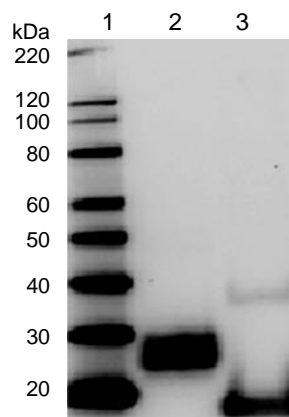
Lane 1: Magic Mark™ XP Protein Standard  
 Lane 2: NR-48828, 2.0 µg  
 Lane 3: PNGase F Treated NR-48828, 2.0 µg  
 Lane 4: BSA, 2.0 µg

**Figure 2 – Western Blot with Monoclonal Anti-IFN-β**



Lane 1: Magic Mark™ XP Protein Standard  
 Lane 2: NR-48828, 0.5 µg  
 Lane 3: PNGase F Treated NR-48828, 0.5 µg

**Figure 3 – Western Blot with Monoclonal Anti-Histidine Tag**



Lane 1: Magic Mark™ XP Protein Standard  
 Lane 2: NR-48828, 0.5 µg  
 Lane 3: PNGase F Treated NR-48828, 0.5 µg