

Recombinant Ferret Interferon Gamma, With N-Terminal Glutathione S-Transferase Tag

Catalog No. NR-10349

Product Description: NR-10349 is a full-length, recombinant form of ferret interferon gamma (IFN- γ) with an N-terminal glutathione S-transferase (GST) expression tag.

Lot: 58291806

Manufacturing Date: 12SEP2008

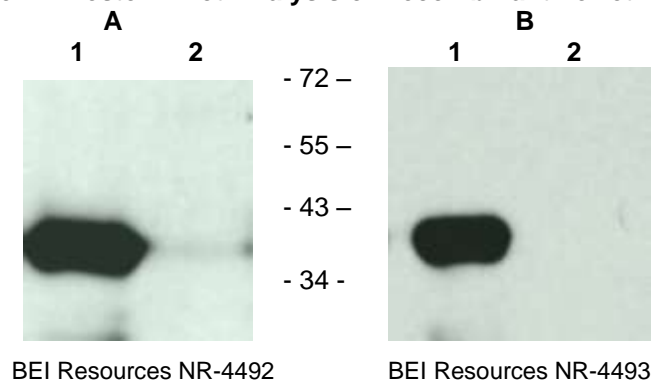
TEST	SPECIFICATIONS	RESULTS
Western Blot Analysis¹ Recombinant ferret IFN- γ (NR-10349) Recombinant ferret tumor necrosis factor (TNF- α)	Reactive; band at ~ 40 kDa Not reactive	Reactive, band at ~ 40 kDa (Figure 1) Not reactive (Figure 1)
Concentration by Lowry Assay²	Report results	0.1 mg/mL
Functional Activity Capture/detection ELISA ³ Recombinant ferret IFN- γ (NR-10349) Recombinant ferret TNF- α	Report results Report results	Reactive; NR-4492 and NR-4493 recognize distinct epitopes (Figure 2) Not reactive (Figure 2)

¹Using monoclonal antibodies to recombinant ferret IFN- γ , BEI Resources NR-4492 (Figure 1A) and BEI Resources NR-4493 (Figure 1B)

²Bio-Rad DC Protein Assay using BSA as a standard

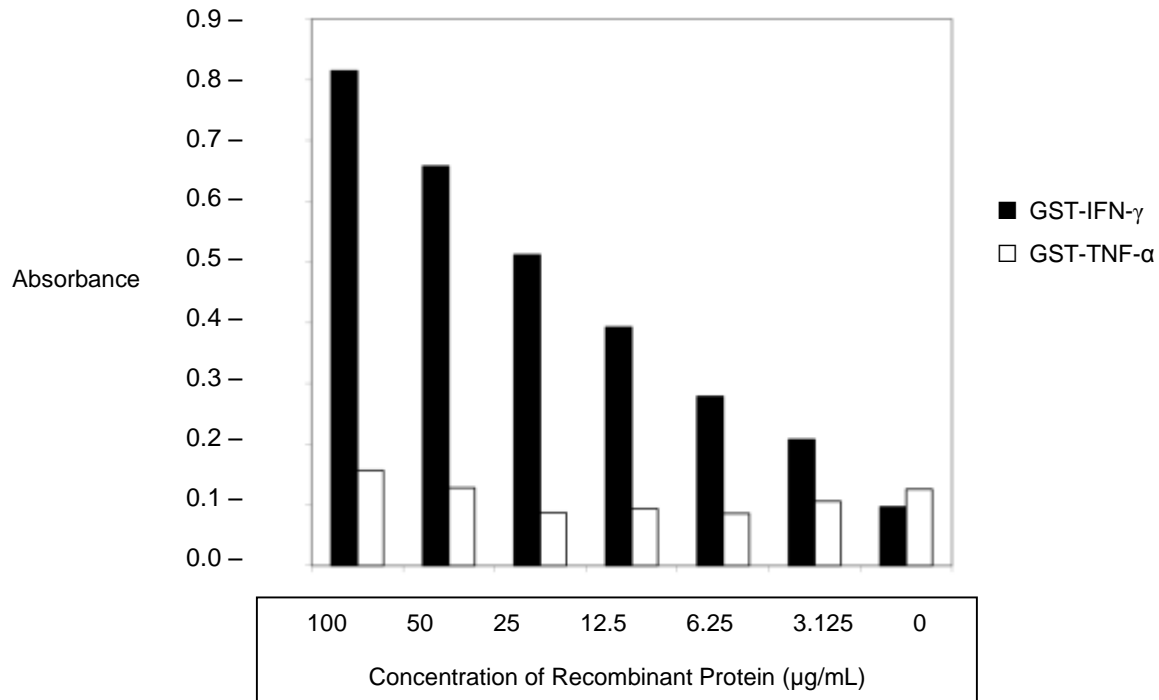
³BEI Resources NR-4493 was used as a coating antibody. BEI Resources NR-4492 was biotin-labeled and used as a detection antibody.

Figure 1: Western Blot Analysis of Recombinant Ferret IFN- γ



Lane 1: GST-IFN- γ
Lane 2: GST-TNF- α

Figure 2: Capture/Detection ELISA



Date: 13 NOV 2008

Signature: Signature on File

Title: Technical Manager, BEI Authentication or designee

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