

RECOMBINANT BOVINE IFN- γ

KINGFISHER



Catalog Number: RP0013B-025

Quantity: 25 μ g

Source: Yeast

Formulation/Reconstitution: Lyophilized. Reconstitute with sterile phosphate-buffered saline containing at least 0.1% carrier protein.

Stability and Storage: Stable for up to twelve months from date of receipt at -20°C . Stable for at least 3 months when stored in working aliquots with a carrier protein at -20°C . Avoid repeated freeze/thaw cycles.

Molecular Weight: 16.9 kDa (calculated)

Purity: >95% as visualized by SDS-PAGE analysis.

Purification: Ion-exchange chromatography

Entrez Gene ID 281237

Amino Acid Sequence: QGQFFREIEN LKEYFNASSP DVAKGGPLFS EILKNWKDES
DKKI IQSQIV SFYFKLFENL KDNQVIQRSM DIIKQDMFQK
FLNGSSEKLE DF'KKLIQIPV DDLQIQRKAI NELIKVMNDL
SPKSNLRKRK RSQNLFRGRR AST (143)

Bioactivity: The biological activity was measured in a cell activation assay using the Griess reaction as an indicator of nitric oxide production by bovine PBMC. The ED50 for this effect is typically 50 - 60 $\mu\text{g}/\text{mL}$.

Country of Origin: USA

Support: Generation of this material is based upon work supported by the Cooperative State Research, Extension, Education Services (CSREES), USDA under project #0206006 US-Veterinary Immune Reagent Network (www.vetimm.org).

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