RECOMBINANT CHICKEN IFNγ

Catalog Number (Quantity): RP0115C-005 (5 µg)  
                      RP0115C-025 (25 µg)

Source: Yeast
Formulation: Lyophilized without carrier protein.
Reconstitution: 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: 16.7 kDa (calculated)
Purity: >95% as visualized by SDS-PAGE analysis.
Purification: Ion-exchange chromatography
Entrez Gene ID: 396054

Amino Acid Sequence: His20 – Cys164
                      HTASSILNLVQ LQDDIDKLKA DPNSSHDVA DGGPIIVEKL
                      KNWTERNEKR IILSQIVSMY LEMLENTDKS KPHKTHISSE
                      LYTLPNNLD PFKVKKDMD LAKLFMNDR IQRKAANELF
                      SILKLVDPP SFHAAASSQ RRCNC (145)

Recombinant Chicken IFNγ Catalog Number RP0115C contains a single amino acid substitution compared to NCBI reference sequence NP_990480.1 (Thr at position 93 in place of Ile). This amino acid substitution was corrected to match the published sequence. The corrected recombinant protein is available in Catalog Number RP0929C (Ile present at position 93).

Amino Acid Homology: Meleagris gallopavo (turkey) IFNγ – 98%
                      Lagopus lagopus scotica(red grouse) IFNγ – 96%

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.

Warranty: Products are warranted by Kingfisher Biotech, Inc. to meet stated product specifications and to conform to label descriptions when used, handled and stored according to instructions. Unless otherwise stated, this warranty is limited to one year from date of sale or expiry date, whichever comes first. Kingfisher Biotech’s sole liability for the product is limited to replacement of the product or refund of the purchase price. Kingfisher Biotech products are supplied for research applications. They are not intended for medicinal, diagnostic or therapeutic use.