

RECOMBINANT CHICKEN IL-18



Catalog Number: RP0020C-025

Quantity: 25 µg

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: 19.5 kDa (calculated)

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

Purification: Ion-exchange chromatography

Entrez Gene ID 395312

Amino Acid Sequence: AFCKDKTIKR FFRNVNSQLL VVRPDLNVAA FEDVTDQEVK
SGSGMYFDIH CYKTTAPSAG MPVAFSVQVE DKSYYMCCEK
EHGKMVVRFR EGEVPKDIPG ESNIIFFKKT FTSCSSKAFK
FEYSLEQGMF LAFEEEEEDSLR KLILKKLPRE DEVDETTKFKV
TSHNERHNL (169)

Bioactivity: The biological activity of recombinant chicken IL-18 was determined by measuring IFN-γ expression by real-time PCR in chicken spleen lymphocytes. Results demonstrate an increased IFN-gamma gene expression with the addition of recombinant chicken IL-18 starting at 125 ng/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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