

RECOMBINANT CHICKEN IL-10



Catalog Number: RP0018C-005

Quantity: 5 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: 18.3 kDa (calculated)

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

Purification: Ion-exchange chromatography

Entrez Gene ID 428264

Amino Acid Sequence: LEPTCLHFSE LLPARLRELK VKFEEIKDYF QSRDELNIQ
LLSSELLDKF KGTFGCQSVS EMLRFYTDEV LPRAMQTSTS
HQQSMGDLGN MLLGLKATMR RCHRFFFTCEK RSKAIKQIKE
TFEKMDENGI YKAMGEFDIF INYIEEYLLM RRRK (154)

Bioactivity: The biological activity of recombinant chicken IL-10 was determined by measuring IFN-gamma expression by RTPCR in Concanavalin A-stimulated chicken spleen lymphocytes. Results demonstrate decreased IFN-gamma gene expression, with the addition of recombinant chicken IL-10, in a dose-dependant manner, with doses starting at 2 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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