

# RECOMBINANT CHICKEN IL-10



**Catalog Number:** RP0018C-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:** 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](http://www.vetimm.org)).

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