

# RECOMBINANT CHICKEN IL-4

KINGFISHER



**Catalog Number:** RP0110C-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:** 12.4 kDa (calculated)

**Purity:** >85% as visualized by SDS-PAGE analysis.

**Purification:** Ion-exchange chromatography

**Entrez Gene ID:** 416330

**Amino Acid Sequence:** LQLSVPLMES IRIVNDIQGE VSCVKMNVTD IFADNKTNNK  
TELLCKASTI VWESQHCHKN LQGLFLNMRQ LLNASSTSLK  
APCPTAAGNT TSMEKFLADL RTFFHQLAKN K (111)

**Bioactivity:** Biological activity of recombinant Chicken IL-4 was determined in a cell proliferation assay using peripheral blood lymphocytes from two week-old chickens. Bioactivity was detected in a dose dependant manner from 1 ng/mL to 125 ng/mL recombinant Chicken IL-4.

**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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