RECOMBINANT CHICKEN IL-21

Catalog Number (Quantity):  
- RP0373C-005 (5 µg)  
- RP0373C-025 (25 µg)  
- RP0373C-100 (100 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: 14.2 kDa (calculated)

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

Purification: Ion-exchange chromatography

Entrez Gene ID: 554218

Amino Acid Sequence: ATSPKAMKYK QLSKTIDHLK DVVKDKDVEL LHTPENPGDG CLLTAVTCFQ NGILKLQPKN SQVNATFAKT VKILRRPFLP VSEGHCESSC ESYERKKPQE FLNSFSKLMQ KLFKNSTAER YGKSTI (126)

Bioactivity: The biological activity of chicken IL-21 was measured in a cell proliferation assay using chicken spleen lymphocytes. Recombinant chicken IL-21 induced proliferation in a dose-dependent manner from 7.8 ng/mL-62.5 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.

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