RECOMBINANT CHICKEN IL-16

Catalog Number (Quantity): RP0019C-005 (5 µg)
                         RP0019C-025 (25 µg)
                         RP0019C-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: 12.6 kDa (calculated)

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

Purification: Ion-exchange chromatography

Entrez Gene ID: 374270

Amino Acid Sequence: SSTSSVASDA SQESTTEETI CTITLDKTAA GLGFSLEGK GSIIHGDKPII INRIFKGTSL EQSSPVQPGD ELLQVHTTAL QGLTRFEAWN I1KALPDPGPI TAIKRKNFS SVTKKASETLE (120)

Amino Acid Homology: Coturnix japonica (Japanese quail) IL-16 – 95%

Bioactivity: The biological activity of recombinant chicken IL-16 was determined in a chemotaxis assay using a Boyden chamber with chicken PBMC following initial culture with IL-16. Bioactivity is typically detected starting at 78 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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