RECOMBINANT BOVINE IL-4

Catalog Number: RP0001B-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: 12.6 kDa (calculated)

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

Purification: Ion-exchange chromatography

Entrez Gene ID 280824

Amino Acid Sequence:

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GHKCDITLAE IIKTLNILTT RKNSCMELPV ADVFAAPKNT
TEKETFCRVG IELRRIYRSH TCLNKFLGGL DRNLNSLASK
TCSVNEAKTS TSTLKDLLER LKTIMKEKYS KC (112)
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Bioactivity: The biological activity of recombinant bovine IL-4 was measured in a cell proliferation assay using the human TF-1 cell line. The ED50 for this effect is typically 1.5 - 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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