

RECOMBINANT EQUINE IL-2

KINGFISHER



Catalog Number: RP0006E-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: 14.9 kDa (calculated)

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

Purification: Ion-exchange chromatography

Entrez Gene ID 100034204

Amino Acid Sequence: APTSSSKRET QQQLKQLQMD LKLLLEGVNN NKNPKLSKML
TFKINMPKKA TELKHLQCLE EELKPLEEML KNFLSKDIKE
LMSNINVTVL GLKGSETRFT CEYDDETGFI VEFLNKWITF
CQSIFSTMT (129)

Bioactivity: The biological activity of equine IL-2 was measured in a cell proliferation assay using carboxyfluorescein diacetate succinimidyl ester-loaded equine PBMC. The ED50 for this effect is typically 0.5 - 1.0 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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