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TECHNICAL INFORMATION

Catalog Number: 153896

Interleukin-2, Recombinant, Human

Molecular Weight: 17 kDa

Purity: \geq 98% as determined by SDS-PAGE

Biological Activity: ED₅₀ range=0.06-0.1131 ng/ml determined by the dose dependent proliferation of mouse CTLL-2 cells

Formulation: Lyophilized carrier-free

Sterile: Filtered prior to lyophilization through a 0.22 micron sterile filter

Endotoxin: <0.1 ng/mg

Production: Recombinant human IL-2 is produced in *E. coli* and purified via sequential chromatography

Reconstitution Recommendations: Lyophilized hIL-2 should be reconstituted in 100 mM acetic acid to 0.1-1.0 mg/ml to regain full activity. These stock solutions should be apportioned into working aliquots and stored at <-20°C. Further dilution should be made in culture medium or buffered solution containing carrier protein, such as PBS with 0.1% BSA.

Availability: Available in size - 10Ku

References:

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- Rajan, R., et al., "Epidermal growth factor (EGF) promotes chemomigration of a human prostate tumor cell line, and EGF immunoreactive proteins are present at sites of metastasis in the stroma of lymph nodes and medullary bone." *Prostate*, **v. 28 (1)**, 1-9 (1996).
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