

## Recombinant Rat IL-15

<b>Catalog No.</b>	CRI194A CRI194B CRI194C	<b>Quantity:</b>	2 µg 10 ug 1 mg
<b>Alternate Names:</b>	IL-T		
<b>Description:</b>	<p>IL-15 is an immunomodulating cytokine that stimulates the proliferation of T lymphocytes and shares many biological properties with IL-2. IL-15 exerts its biological activities primarily on T-cells. It is also essential in the development, survival and activation of NK cells. Increased expression of IL-15 has been implicated with rheumatoid arthritis, inflammatory bowel disease and diseases affiliated with retroviruses HIV and HTLV-I. Human IL-15 is biologically active on mouse cells as measured by the dose-dependent stimulation of the proliferation of mouse CTLL cells. Recombinant rat IL-15 is a 13.5 kDa protein consisting of 115 amino acid residues.</p>		
<b>Source:</b>	<i>E. coli</i>		
<b>Purity:</b>	Greater than 96% by SDS-PAGE and HPLC analyses.		
<b>Endotoxin Level:</b>	Less than 0.1 ng per µg (1 EU/µg).		
<b>Biological Activity:</b>	The ED <sub>50</sub> as determined by the dose-dependant stimulation of the proliferation of mouse CTLL-2 cells is < 10 ng/ml, corresponding to a specific activity of > 1 x 10 <sup>5</sup> units/mg.		
<b>Reconstitution:</b>	<b>Centrifuge vial prior to opening.</b> Reconstitute in water to a concentration of 0.1 - 1.0 mg/ml. This solution can then be diluted into other aqueous buffers and stored at 4°C for 1 week or -20°C for future use.		
<b>Storage &amp; Stability:</b>	The lyophilized protein is stable for a few weeks at room temperature, but best stored at -20°C. Reconstituted IL-15 should be stored in working aliquots at -20°C. <b>Avoid repeated freeze-thaw cycles.</b>		
<b>Country of Origin:</b>	USA		

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