

## Recombinant Rat Interleukin-10 (IL-10)

<b>CATALOG #:</b>	4157-10	10 µg
	4157-1000	1 mg
<b>LOT #:</b>	_____	
<b>SOURCE:</b>	<i>E. coli</i>	
<b>PURITY:</b>	>95% by SDS-PAGE and HPLC analyses Endotoxin level is <0.1 ng per µg of IL-10.	
<b>MOL. WEIGHT:</b>	18.7 kDa	
<b>FORMULATION:</b>	Lyophilized in a solution containing 25 mM sodium phosphate buffer pH7.25 and 100 mM NaCl.	
<b>RECONSTITUTION:</b>	Centrifuge the vial prior to opening. Reconstitute in sterile 18MQ-cm H <sub>2</sub> O not less than 100 µg/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 CONDITIONS:</b>	The lyophilized IL-10 is best-stored desiccated below 0°C. Reconstituted IL-10 should be stored at working aliquots at -20°C.	
<b>DESCRIPTION:</b>	Interleukin-10 (IL-10), originally known as Cytokine Synthesis Inhibitory Factor (CSIF), is an 18.7 kDa protein containing 160 amino acid residues. It shares over 80% sequence homology with the Epstein-Barr Virus protein BCRF1.	
<b>BIOLOGICAL ACTIVITY:</b>	The ED <sub>50</sub> as determined by the dose-dependent inhibition of antigen-specific T cell proliferation is ≤ 10 ng/ml.	

**FOR RESEARCH USE ONLY! Not to be used on humans.**

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