

Recombinant Rat Interleukin-10 (IL-10)

CATALOG #:	4157-10	10 µg
	4157-1000	1 mg
LOT #:	_____	
SOURCE:	<i>E. coli</i>	
PURITY:	>95% by SDS-PAGE and HPLC analyses Endotoxin level is <0.1 ng per µg of IL-10.	
MOL. WEIGHT:	18.7 kDa	
FORMULATION:	Lyophilized in a solution containing 25 mM sodium phosphate buffer pH7.25 and 100 mM NaCl.	
RECONSTITUTION:	Centrifuge the vial prior to opening. Reconstitute in sterile 18MQ-cm H ₂ 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.	
STORAGE CONDITIONS:	The lyophilized IL-10 is best-stored desiccated below 0° C. Reconstituted IL-10 should be stored at working aliquots at -20° C.	
DESCRIPTION:	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.	
BIOLOGICAL ACTIVITY:	The ED ₅₀ 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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