

Recombinant Rat Interleukin-10 (IL-10)

CATALOG #:	4157-10
AMOUNT:	10 µg
LOT #:	_____
SOURCE:	<i>E. coli</i>
PURITY:	>98% by SDS-PAGE and HPLC analyses Endotoxin level is <0.1 ng per µg of IL-10.
MOL. WEIGHT:	18.7 kDa
FORMULATION:	Lyophilized from 5 mM Sodium Phosphate, pH 7.2

RECONSTITUTION:

We recommend a quick spin followed by reconstitution in 5 mM Tris, pH 7.2 to a concentration of 0.1 - 1 µg/µl. 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 ED₅₀ as determined by the dose-dependent inhibition of antigen-specific T cell proliferation is ≤ 10 ng/ml.

USAGE: For Research Use Only. Not to be used in human.

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