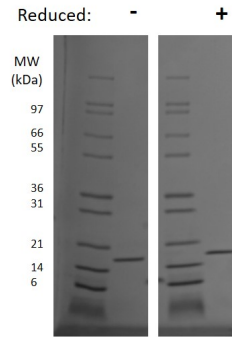
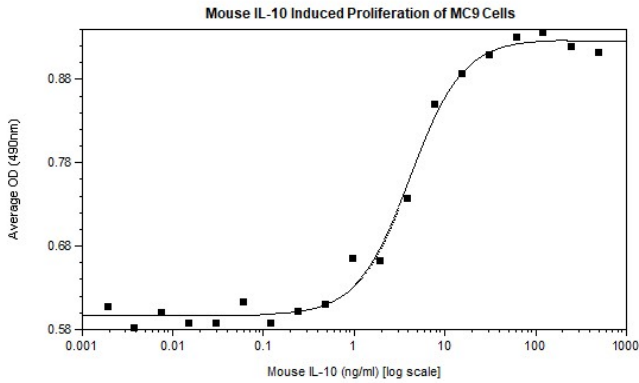


II10

Recombinant Mouse Interleukin-10

Catalog No.	CRI154A CRI154B CRI154C	Quantity:	10 µg 100 µg 1.0 mg
Alternate Names:	B-TCGF, CSIF, TGIF, IL10A, MGC126450, MGC126451, Cytokine Synthesis Inhibitory Factor		
Description:	Recombinant Mouse Interleukin-10 is an immunosuppressive cytokine produced by a variety of mammalian cell types including macrophages, monocytes, T cells, B cells and keratinocytes. IL10 inhibits the expression of proinflammatory cytokines such as IL1 and TNF-alpha. Like IL4, IL10 enhances humoral immune responses and attenuates cell-mediated immune reactions. Human IL10 is active on mouse cells, but mouse IL10 is inactive on human cells.		
GeneID:	16153		
UniProtKB:	P18893		
Source:	<i>E. coli</i>		
Molecular Weight:	Noncovalent homodimer, 18.9 kDa (161 aa)		
Formulation:	Lyophilized from a sterile filtered solution containing 10 mM phosphate, pH 7.5		
Purity:	>95% by Reducing and Non-reducing SDS-PAGE		
Endotoxin Level:	< 1.0 EU/µg by kinetic LAL		
Biological Activity:	ED ₅₀ ≤ 5 ng/ml, determined by the dose-dependent proliferation of mouse MC/9 cells.		
Specific Activity:	≥ 2.0 x 10 ⁵ U/mg		
Amino Acid Sequence:	MSRGQYSRED NNCTHFPVGQ SHMLLELRTA FSQVKTFQKTDQLDNILLT DSLMDQDFKGY LGCQALSEMI QFYLVEMPQ AEKHGPEIKE HLNSLGQKLL TLRMRLRRCH RFLPCENKSK AVEQVKSDFN KLEDQGVYKA MNEFDIFINC IEAYMMIKMK S		
Reconstitution:	Centrifuge vial prior to opening. Add sterile distilled water to a concentration of 0.1 mg/mL and gently pipet the solution up and down the sides of the vial. DO NOT VORTEX. Allow several minutes for reconstitution.		
Storage & Stability:	Upon receipt , store as supplied at -20 °C to -80 °C for up to 1 year. Upon reconstitution , the preparation is stable for up to one month at 2-8 °C. For long term storage reconstitute in working aliquots containing 0.1% BSA and store at -80 °C. Avoid repeated freeze-thaw cycle		





Mouse IL-10 Gel

Figure: 1 ug in each lane (-) non-reducing conditions and (+) reducing conditions in a 4-20% Tris-Glycine gel, stained with Coomassie Blue. Mouse IL-10 is predicted to be a non-covalently linked homodimer with a MW of 18.9 kDa for each monomer.

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.



Cell Sciences®
65 Parker Street
Unit 11
Newburyport, MA 01950

Toll Free: 888-769-1246
Phone: 978-572-1070
Fax: 978-992-0298

E-mail: info@cellsciences.com
Website: www.cellsciences.com