

mouse Interleukin-10

Recombinant protein

For research use only; not for therapeutic or *in vitro* diagnostic use

Cat. No.	Quantity*
BMS347	10 µg

*Bulk quantities are available on request.

Source:	Interleukin-10 is produced in <i>E. coli</i> .
Description:	Interleukin-10, originally known as Cytokine Synthesis Inhibitory factor (CSIF), is an 18.7 kDa protein of 160 amino acid residues that shares over 80% sequence homology with the Epstein-Barr Virus protein BCRF1.
Presentation:	The sterile filtered solution was lyophilized from 3 mM Tris, pH 8.0.
Purity:	Greater than 98% by SDS-PAGE and HPLC analyses. Endotoxin level is less than 0.1 ng per µg (1 EU/µg).
Reconstitution:	We recommend a quick spin followed by reconstitution in 3 mM Tris, pH 8.0 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.
Biological Activity:	The ED50 was determined by the dose-dependent co-stimulation (with IL-4) of the proliferation of mouse MC/9 cells is < 2.0 ng/ml, corresponding to a specific activity of > 5 x 10 ⁵ units/mg.
Storage and Stability:	The lyophilized protein is stable for a few weeks at room temperature, but best stored at -20°C. Reconstituted IL-10 should be stored in working aliquots at -20°C.

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