

## 32-20510: Recombinant Rat IL-10(Discontinued)

**Reactivity :** Mouse, Rat  
**Alternative Name :** B-TCGF, CSIF, TGIF

### Description

**Source:** *E. coli* IL-10 is an immunosuppressive cytokine produced by a variety of mammalian cell types including macrophages, monocytes, T cells, B cells and keratinocytes. IL-10 inhibits the expression of proinflammatory cytokines such as IL-1 and TNF-Alpha. Like IL-4, IL-10 enhances humoral immune responses and attenuates cell-mediated immune reactions. Human IL-10 is active on murine cells, but murine IL-10 is inactive on human cells. Recombinant Rat IL-10 is an 18.7 kDa protein of 160 amino acid residues.

### Product Info

**Amount :** 2 µg / 10 µg  
**Purification :** Purity: >= 98% by SDS-PAGE gel and HPLC analyses.  
**Content :** This recombinant protein is supplied in lyophilized form.  
**Amino Acid :** SKGHSIKGDN NCTHFPVSQT HMLRELRAAF SQVKTFFQKK DQLDNIVLTD SLLQDFKGYL GCQALSEMIK  
FYLVEVMPQA ENHGPEIKEH LNSLGEKTKT LWIQLRRCHR FLPCENKSKA VEQVKNDFNK LQDKGVYKAM  
NEFDIFINCI EAYVTLKMKN

### Application Note

The  $ED_{50}$  as determined by the dose-dependent inhibition of antigen-specific T cell proliferation is  $\leq 10$  ng/ml.