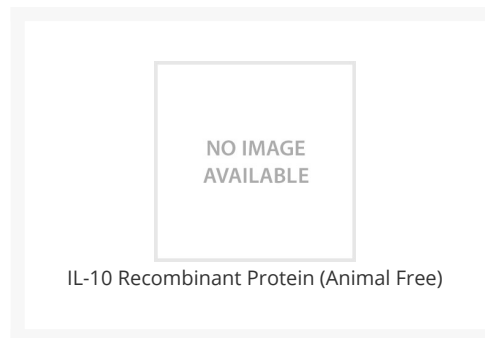




IL-10 Recombinant Protein (Animal Free)

Cat. No.: 40-729



Ψ Specifications

SPECIES:	Human, Virus
SOURCE SPECIES:	E. coli
SEQUENCE:	MSPGQGTQSE NSCTHFPGNL PNMLRDLRDA FSRVKTFFQM KDQLDNLLK ESLLDFKGY LGCQALSEMI QFYLEEVPQ AENQDPDIKA HVNSLGENLK TLRLRRLRCH RFLPCENKSK AVEQVKNAFN KLQEKGIYKA MSEFDIFINY IEAYMTMKIR N

Ψ Properties

PURITY:	≥ 98% by SDS-PAGE gel and HPLC analyses.
PHYSICAL STATE:	Lyophilized
STORAGE CONDITIONS:	The recombinant protein is stable for at least 2 years from date of receipt at -20 °C. Reconstituted protein is stable for at least 3 months when stored in working aliquots with a carrier protein at -20 °C. As with any protein, exposing the recombinant protein to repeated freeze / thaw cycles is not recommended. When working with proteins care should be taken to keep recombinant protein at a cool and stable temperature.

Ψ Additional Info

OFFICIAL SYMBOL:	IL10
ALTERNATE NAMES:	B-TCGF, CSIF, TGIF
GENE ID:	3586

Background and References

BACKGROUND:	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- α . 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 Human IL-10 is an 18.6 kDa protein of 161 amino acid residues.
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