
Recombinant rabbit IL-10 protein, C-His (HEK293)

Catalog Number: bs-43788P

Concentration: >0.5mg/ml

Species: Rabbit

AA Seq: 19-178/178

Predicted MW: 20.3

Tags: C-His

Endotoxin: Not analyzed

Purity: $\geq 90\%$ as determined by SDS-PAGE.

Purification: AC

Form: Liquid

Storage: PBS (pH=7.4)

Stored at -70°C or -20°C. Avoid repeated freeze/thaw cycles

Background: The protein encoded by this gene is a cytokine produced primarily by monocytes and to a lesser extent by lymphocytes. This cytokine has pleiotropic effects in immunoregulation and inflammation. It down-regulates the expression of Th1 cytokines, MHC class II Ags, and costimulatory molecules on macrophages. It also enhances B cell survival, proliferation, and antibody production. This cytokine can block NF-kappa B activity, and is involved in the regulation of the JAK-STAT signaling pathway. Knockout studies in mice suggested the function of this cytokine as an essential immunoregulator in the intestinal tract. Mutations in this gene are associated with an increased susceptibility to HIV-1 infection and rheumatoid arthritis. [provided by RefSeq, May 2020]