

Recombinant human IL-10 (Active,Tag free)

- Cat. Number:** ck0006
- Quantity size:** 10µg / 50ug / 500µg
- Protein Sequence:** 19-178aa, Tag free, full length mature protein
- Swiss-Prot:** P18893
- Gene ID:** 3586
- Source:** Human cells derived
- Structure:** Glycosylated monomer
- Purity:** >95% by SDS-PAGE
- MW:** 17kDa
- Endotoxin Level:** <0.5EU/ug
- Formulation:** Lyophilized from a 0.2µm filtered solution in PBS without carrier protein
Animal and Xeno free
- Activity Assay:** The activity was measured by its ability to stimulate the proliferation of MC/9-2 cells (mouse master cell line).
- Reconstitution:** Briefly centrifuge the vial before opening. It is recommended to reconstitute the protein in sterile PBS containing 0.1% endotoxin-free recombinant human serum albumin.
- Stability & Storage:** Use a manual defrost freezer and avoid repeated freeze-thaw cycles. In general: 12 months from date of receipt, -20 to -80°C as supplied. 1 month, 2 to 8°C under sterile conditions after reconstitution. 3 months, -20 to -80 °C under sterile conditions after reconstitution.
- Description:** Interleukin 10 (IL-10) is a member of the IL-10 family of α-helical cytokines. 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 a number of proinflammatory cytokines such as IFNγ, IL-2, IL-3, TNF and GM-CSF. Like IL-4, IL-10 enhances humoral immune responses and attenuates cell-mediated immune reactions.

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.