

Recombinant Human IL-10 Protein

Catalog	Unit
TBP0113-10UG	10 µg
TBP0113-50UG	50 µg
TBP0113-100UG	100 µg
TBP0113-500UG	500 µg
TBP0113-1MG	1 mg

Description

Interleukin-10 (IL-10) is an anti-inflammatory cytokine predominantly produced by monocytes and, to a lesser extent, by lymphocytes. It plays a crucial role in inducing regulatory T cells (Tregs) in vitro and is characteristically associated with CD4⁺ Treg lymphocytes. IL-10 inhibits the proliferation of CD4⁺ T cells, including Th1 and Th2 subsets, and suppresses the cytotoxic functions of cytotoxic T lymphocytes. Beyond monocytes and lymphocytes, IL-10 is produced by various cell types, such as T-cells, macrophages, and mast cells.

Product Details

Alternative names: cytokine synthesis inhibitory factor; CSIF; GVHDS; IL-10; IL10A; T-cell growth inhibitory factor; TGIF; Interleukin-10

Molecular Weight: 18.78 kDa

Formulation: Lyophilized from sterile PBS, pH 7.4.

Concentration: 0.5mg/mL

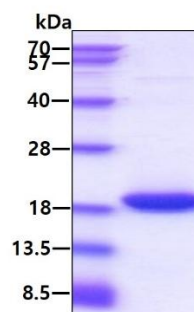
Purity: > 95% by SDS-PAGE

Application: SDS-PAGE

Storage Condition: Store at -20°C to -80°C for up to 12 months. Avoid repeated freeze-thaw cycles.

Data

SDS-PAGE



3 µg by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

For research use only