

Datasheet for ABIN7566175

IL-10 Protein (AA 19-178) (His tag)[Go to Product page](#)

Overview

Quantity:	10 µg
Target:	IL-10 (IL10)
Protein Characteristics:	AA 19-178
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This IL-10 protein is labelled with His tag.

Product Details

Purpose:	IL-10 (human) (rec.) (His)
Cross-Reactivity:	Human
Characteristics:	Human IL-10 (aa 19-178) is fused at the N-terminus to a His-tag.
Purity:	>95 % (SDS-PAGE)
Sterility:	Sterile filtered
Endotoxin Level:	<0.1EU/µg protein (LAL test, Lonza).

Target Details

Target:	IL-10 (IL10)
Alternative Name:	IL-10 (IL10 Products)
Background:	Interleukin-10, Cytokine Synthesis Inhibitory Factor, CSIF

Target Details

Interleukin-10 (IL-10) is a cytokine produced by activated Th2 cells, B cells, keratinocytes and monocytes/macrophages. In vitro murine and human IL-10 inhibits cytokine synthesis by Th1 cells, natural killer cells and monocytes/macrophages. Several studies have suggested the potential application of IL-10 as an anti-inflammatory agent in the treatment of septic shock and as an immunosuppressive agent in certain T cell mediated autoimmune diseases.

NCBI Accession:

[NP_000563](#)

Pathways:

[Cellular Response to Molecule of Bacterial Origin](#), [Regulation of Leukocyte Mediated Immunity](#), [Production of Molecular Mediator of Immune Response](#), [Maintenance of Protein Location](#), [Cancer Immune Checkpoints](#)

Application Details

Restrictions:

For Research Use only

Handling

Format:

Lyophilized

Buffer:

Lyophilized from 0.2µm-filtered solution in PBS (pH 7.4).

Handling Advice:

Avoid freeze/thaw cycles. Centrifuge lyophilized vial before opening and reconstitution.

Storage:

4 °C, -20 °C

Storage Comment:

Short Term Storage: +4°C

Long Term Storage: -20°C

Use & Stability: Stable for at least 1 year after receipt when stored at -20°C. Working aliquots are stable for up to 3 months when stored at -20°C.