

Recombinant human IL-6 (Active,Tag free)

- Cat. Number:** ck0002
- Quantity size:** 10µg / 50ug / 500µg
- Protein Sequence:** 30 - 212aa, Tag free, full length mature protein
- Swiss-Prot:** P05231
- Gene ID:** 3569
- Source:** Human cells derived
- Structure:** Glycosylated monomer
- Purity:** >95% by SDS-PAGE
- MW:** 26-30kDa
- Endotoxin Level:** <0.5EU/ug
- Formulation:** Lyophilized from a 0.2µm filtered solution in PBS without carrier protein
- Activity Assay:** The activity was measured by its ability to stimulate the proliferation of human TF-1 cells (human erythroleukemic indicator 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.
- Background:** Human interleukin 6 (IL-6) is a 26-30 kDa glycoprotein with 183 amino acids in length. IL-6 is a pleiotropic cytokine that plays an important role in the final differentiation of B cells into Ig secreting cells. IL-6 acts on B cells, T cells, hepatocytes, hematopoietic progenitor cells and cells of the CNS. IL-6 is expressed by T cells, monocytes, fibroblasts, endothelial cells and keratinocytes.

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