

Recombinant human IL-15 (Active,Tag free)

- Cat. Number:** ck0013
- Quantity size:** 10µg / 50ug / 500µg
- Protein Sequence:** 49-162aa, Tag free, full length mature protein
- Swiss-Prot:** P40933
- Gene ID:** 3600
- Source:** Human cells derived
- Structure:** Glycosylated monomer
- Purity:** >95% by SDS-PAGE
- MW:** 14-15kDa
- 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 CTLL-2 cells cells.
- 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-15 (IL-15) is a T-cells growth factor, together with G-CSF, GM-CSF, IL-2, IL-4, IL-7, and IL-9, IL-15 belongs to the four α -helix bundle family of cytokine. IL-15 stimulates cell proliferation and activation of natural killer (NK) cells and T cells. CD8+ memory T cell number is controlled by a balance between IL-15 and IL-2. It plays an important role in both innate and adaptive immunity system.

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