

DESCRIPTION

Source *E. coli*-derived
Asn49-Ser162
Accession # P40933

N-terminal Sequence Analysis Asn49

Predicted Molecular Mass 13 kDa

SPECIFICATIONS

SDS-PAGE 10 kDa, reducing conditions

Activity Measured in a cell proliferation assay using MO7e human megakaryocytic leukemic cells. The ED₅₀ for this effect is 0.3-2.6 ng/mL. The specific activity of Recombinant Human IL-15 is approximately 4.5 x 10⁵ U/μg, which is calibrated against recombinant human IL-15 WHO International Standard (NIBSC code: 95/554).

Endotoxin Level <0.10 EU per 1 μg of the protein by the LAL method.

Purity >97%, by SDS-PAGE with silver staining.

Formulation Lyophilized from a 0.2 μm filtered solution in PBS. See Certificate of Analysis for details.

PREPARATION AND STORAGE

Reconstitution Reconstitute at 100 μg/mL in sterile PBS.

Shipping The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.

Stability & Storage Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

- 12 months from date of receipt, -20 to -70 °C as supplied.
- 1 month, 2 to 8 °C under sterile conditions after reconstitution.
- 3 months, -20 to -70 °C under sterile conditions after reconstitution.

DATA

