

DESCRIPTION

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| Source | <i>E. coli</i> -derived Asn49-Ser162 Accession # P40933 |
| N-terminal Sequence Analysis | Asn49 |
| Predicted Molecular Mass | 13 kDa |

SPECIFICATIONS

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| SDS-PAGE | 10 kDa, reducing conditions |
| Activity | Measured in a cell proliferation assay using MO7e human megakaryocytic leukemic cells. The ED ₅₀ for this effect is typically 0.3-2.6 ng/mL. The specific activity of Recombinant Human IL-15 is approximately 4.5 x 10 ⁵ 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

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| 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. <ul style="list-style-type: none"> ● 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

