



DATA SHEET

Recombinant Human IL-6

Code Number#KT-206-IL

Source: E.coli-derived

**N-terminal Sequence:
Analysis** Pro29

**Predicted Molecular:
Mass** 20.3 kDa

SPECIFICATIONS:

Activity: Measured in a cell proliferation assay using T1165.85.2.1 mouse plasmacytoma cells. Nordan, R.P. et al. (1987) J. Immunol. 139:813. The ED50 for this effect is 0.2-0.8 ng/mL. The specific activity of Recombinant Human IL-6 is approximately 1x10⁵ IU/μg, which is calibrated against human IL-6 WHO International Standard (NIBSC code: 89/548).

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

Purity: >97%, by SDS-PAGE under reducing conditions and visualized by silver stain.

Formulation: Lyophilized from a 0.2 μm filtered solution in PBS and NaCl with BSA as a carrier protein. See Certificate of Analysis for details.

Reconstitution: Reconstitute at 100-200 μg/mL in sterile PBS containing at least 0.1% human or bovine serum albumin.

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

For In-Vitro Diagnostic Use only. Not for human or animal consumption.