

| Product Name | Cat. No. | Pack Size |
|---------------------------|--------------------|-------------------------|
| Human IL-6 Protein | # BB-PE0150 | 50 µg (1µg / µl) |

Product type: Human Interleukin 6 (IL-6) 29-212 amino acid.

Source: Recombinant protein expressed as His Tag protein in *E. coli*.

Protein Sequence:

VPPGEDSKDVAAPHRQPLTSSERIDKQIRYILDGISALRKETCNKSNMCESS
 KEALAENNLNLPKMAEKDGCQSGFNEETCLVKIITGLLEFEVYLEYLQNR
 ESSEEQARAVQMSTKVLIQFLQKKAKNLDAITTPDPTTNASLLTKLQAQN
 QWLQDMTTHLILRSFKEFLQSSLRALRQM

Purity :> 98%, by SDS-PAGE under reducing conditions and visualized by Coomassie stain

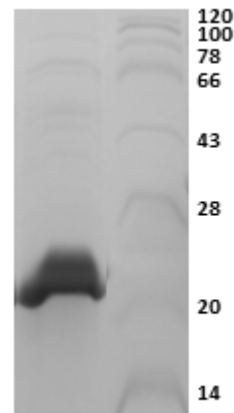
Formulation: Supplied as a 0.2 µm filtered solution in PB with 50% Glycerol.

Specificity: Acts both on human and murine cell lines

Description: Interleukin-6 (IL-6) is a 22-28 kDa phosphorylated and variably glycosylated cytokine that plays important roles in the acute phase reaction, inflammation, hematopoiesis and bone metabolism. Mature human IL-6 is 183 amino acids (aa) in length and shares 39% amino acids sequence identity with mouse IL-6. Aberrant IL-6 activity contributes to chronic inflammation in obesity, insulin resistance, inflammatory bowel disease, arthritis, sepsis, and atherosclerosis.

Storage buffer: Phosphate Buffer pH 7.4, containing 50% Glycerol without azide.

Storage instructions: -20°C (Recommended).



**SDS-PAGE analysis of Recombinant human IL6 (~22 KDa).*

*Exp. Date: 18 months upon receiving at proper storage & handling conditions