

## PRODUCT INFORMATION

### Interleukin-6, human, recombinant (rhIL-6)

- **Catalog Number** PGR110
- **Source** The cDNA sequence of mature human IL-6 was expressed in a **Chinese hamster ovary cell line**.
- **Molecular Mass** The recombinant IL-6 contains 185 amino acid residues and the glycosylated proteins migrate as 20 ~ 25 kDa in SDS-PAGE under reducing conditions.
- **Purity** > 97 %, as determined by SDS-PAGE under reducing condition and visualized by silver stain.
- **Endotoxin Level** < 1.0 EU per 1  $\mu\text{g}$  of the recombinant IL-6 as determined by the LAL method.
- **Biological Activity** The biological activity of PanGen's recombinant human IL-6 was measured in a cell proliferation assay using B9 cells.  
The ED<sub>50</sub> for this effect is 0.7 ~ 2 pg/mL.
- **Formulation** The sterile filtered solution in PBS, pH 7.4, containing 50  $\mu\text{g}$  of bovine serum albumin per 1  $\mu\text{g}$  of cytokine.  
(Bovine serum albumin free rhIL-6 is also available.)
- **Storage** This cytokine can be stored under sterile conditions at 4°C for two months or at -70°C for six months without detectable loss of activity.  
**Avoid repeated freeze-thaw cycles.**

For research use only. Not for use in Humans