

PRODUCT INFORMATION

Hepatocyte Growth Factor, human, recombinant (rhHGF)

- **Catalog Number** PGR101
- **Source** Recombinant human HGF consisting of the alpha chain (463 amino acids) and the beta chain (234 amino acids) was expressed in a **Chinese hamster ovary** cell line
- **Molecular Mass** The disulfide-linked recombinant HGF migrates as an approximately 75 kDa in SDS-PAGE under non-reducing conditions.
- **Purity** > 97%, as determined by SDS-PAGE and visualized by silver stain.
- **Endotoxin Level** < 1.0 EU per 1 μg of the recombinant HGF as determined by the LAL method.
- **Biological Activity** The biological activity of PanGen's recombinant human HGF was measured in a cell proliferation assay using cell proliferation in the HGF responsive mouse hepatocyte cell line, BNL CL.2.
The ED₅₀ for this effect is 20 ~ 40 ng/mL.
- **Formulation** The sterile filtered solution in PBS, pH 7.4, containing 50 μg of bovine serum albumin per 1 μg of cytokine.
(Bovine serum albumin free rhHGF 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