

PRODUCT INFORMATION

Vascular Endothelial Growth Factor, human, recombinant (rhVEGF)

- **Catalog Number** PGR102
- **Source** The cDNA sequence encoding the 165 amino acid residue variant of human VEGF was expressed in a **Chinese hamster ovary cell line**.
- **Molecular Mass** The recombinant disulfide-linked homodimeric human VEGF is glycosylated and migrates as a 42 kDa in SDS-PAGE under non-reducing conditions.
- **Purity** > 97%, as determined by SDS-PAGE under non-reducing conditions and visualized by silver stain.
- **Endotoxin Level** < 1.0 EU per 1 μg of the recombinant VEGF as determined by the LAL method.
- **Biological Activity** The biological activity of PanGen's recombinant human VEGF was measured by its ability to stimulate ^3H -thymidine incorporation in human umbilical vein endothelial cells.
The ED₅₀ for this effect is 2 ~ 6 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 rhVEGF 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