

## Recombinant human PlGF-1 protein, His (HEK293)

Catalog Number: bs-43154P

Concentration: >0.5mg/ml

AA Seq: 19-149/149

Predicted MW: 15.8

Tags: C-His

Activity: Not tested

Purity: >90% as determined by SDS-PAGE

Form: Lyophilized or Liquid

Storage: PBS (pH8.0).

Stored at -70°C or -20°C. Avoid repeated freeze/thaw cycles.

**Background:** The placental-derived growth factor (PlGF) is a dimeric glycoprotein showing a high degree of sequence similarity to the vascular endothelial growth factor. Alternative splicing of the PlGF primary transcript gives rise to two forms, named PlGF-1 and PlGF-2, which differ only in the insertion of a highly basic 21-amino acid stretch at the carboxyl end. The presence of the PlGF mRNA in thyroid, placenta, lung, and goiter has indicated the tissues where this factor functions. However, the role of PlGF in vascular development has not yet been clearly established.

### VALIDATION IMAGES



The purity of the protein is greater than 90% as determined by reducing SDS-PAGE.