

## Recombinant human PLGF-2 protein, His (HEK293)

Catalog Number: bs-41612P

Concentration: >0.5 mg/ml

AA Seq: 19-170/170

Predicted MW: 21

Detected MW: 26-30 kDa

Tags: His

Activity: Yes

Endotoxin: Not analyzed

Purity: >95% as determined by SDS-PAGE

Purification: AC

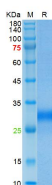
Form: Lyophilized or Liquid

Storage: PBS (pH7.4).

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

**Background:** The placental-derived growth factor (PIGF) is a dimeric glycoprotein showing a high degree of sequence similarity to the vascular endothelial growth factor. Alternative splicing of the PIGF primary transcript gives rise to two forms, named PIGF-1 and PIGF-2, which differ only in the insertion of a highly basic 21-amino acid stretch at the carboxyl end. The presence of the PIGF mRNA in thyroid, placenta, lung, and goiter has indicated the tissues where this factor functions. However, the role of PIGF 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.



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