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## Product Datasheet

### Recombinant Human Placenta growth factor/PIGF-131/PIGF-1 Protein ABB-RP02896

Article Name	Recombinant Human Placenta growth factor/PIGF-131/PIGF-1 Protein
Biozol Catalog Number	ABB-RP02896
Supplier Catalog Number	RP02896
Alternative Catalog Number	ABB-RP02896-10UG, ABB-RP02896-20UG, ABB-RP02896-50UG, ABB-RP02896-100UG
Manufacturer	ABclonal
Host	Human
Category	Proteine/Peptide
Species Reactivity	Human
Immunogen	Leu19-Arg149
Product Description	Placenta growth factor (PIGF) is a member of the PDGF/VEGF family of growth factors that share a conserved pattern of eight cysteines (1, 2). Alternative splicing results in at least three human mature PIGF forms containing 131 (PIGF-1), 152 (PIGF-2)...
Concentration	< 0.1 EU/μg of the protein by LAL method.
Molecular Weight	40.68 kDa
Tag	C-hFc
NCBI	<a href="#">5228</a>
UniProt	<a href="#">P49763</a>
Source	HEK293 cells

Purity	95% as determined by SDS-PAGE.
Form	Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.
Sequence	LPAVPPQQWALSAGNGSSEVEVVPFQEVWGRSYCRALERLVDVVSEYPSEVE HMFSPSCVSLLRCTGCCGDENLHCVPVETANVTMQLLKIRSGDRPSYVELTFS QHVRCECRPLREKMKPERCGDAVPRR
Target	Placenta growth factor/PLGF-131
Application Dilute	Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.
Application Notes	Cross-Reactivity: Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles. Research Area: Other Recombinant Protein