

Product datasheet for **AR31145PU-N**

Placenta growth factor / PGF Rat Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Placenta growth factor / PGF rat recombinant protein, 25 µg
Species:	Rat
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	ALSAGNNSTE MEVVPFNEVW GRSYCRPMEK LVYIADEHPN EVSHIFSPSC VLLSRCSGCC GDEGLHCVAL KTANITMQIL KIPPNRDPHS YVEMTFSQDV LCECRPILET TKAERRKTKG KRKQSKTPQT EEPHL
Predicted MW:	30.3 kDa
Purity:	>95% pure by SDS-PAGE gel and HPLC analyses
Buffer:	Presentation State: Purified State: Lyophilized (0.2µ Sterile filtered) purified protein
Reconstitution Method:	Restore in water to a concentration of 0.1-1.0 mg/ml. Do not vortex. This solution can be stored at 2-8°C for up to 1 week. For extended storage, it is recommended to further dilute in a buffer containing a carrier protein (example 0.1% BSA) and store in working aliquots at -20°C to -80°C.
Preparation:	Lyophilized (0.2µ Sterile filtered) purified protein
Protein Description:	Recombinant Rat PIGF-1 is a 30.3 kDa disulfide-linked homodimeric protein of two 135 amino acid polypeptide chains.
Note:	Centrifuge the vial prior to opening.
Storage:	Store lyophilized at 2-8°C for 6 months or at -20°C long term. After reconstitution store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C long term. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_446047
Locus ID:	94203
UniProt ID:	Q63434
Cytogenetics:	6q31



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Synonyms: Plgf

Summary: forms a heterodimer with VEGF; may play a role in vascular endothelial cell proliferation [RGD, Feb 2006]