

Product datasheet for AR31058PU-N

Placenta growth factor / PGF Rat Protein

Product data:

OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

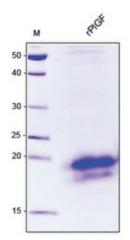
Product Type:	Recombinant Proteins
Description:	Placenta growth factor / PGF rat recombinant protein, 5 μ g
Species:	Rat
Expression Host:	Insect
Expression cDNA Clone or AA Sequence:	ALSAGNNSTE MEVVPFNEVW GRSYCRPMEK LVYIADEHPN EVSHIFSPSC VLLSRCSGCC GDEGLHCVAL KTANITMQIL KIPPNRDPHS YVEMTFSQDV LCECRPILET TKAERRKTKG KRKQSKTQTE EPHL Result by N-terminal sequencing: ALSAGNNSTE MEV
Predicted MW:	15.14 kDa
Purity:	>95% by SDS-PAGE and Silver stain
Buffer:	Presentation State: Purified State: Lyophilized freeze dried protein without additives.
Bioactivity:	Biological: Measured by its ability to bind to immobilized rh-sFlt-1 in a functional ELISA. Recombinant rat PIGF can bind to immobilized rh-sFlt-1 (100ng/well) with a linear range at 0.1-5ng/ml.
Endotoxin:	< 0.1ng per µg of Rat PIGF
Reconstitution Method:	Restore with water. This solution can be diluted into other buffered solutions or stored frozen for future use.
Preparation:	Lyophilized freeze dried protein without additives.
Protein Description:	Recombinant Rat Placenta Growth Factor. The full ORF of rat PlGF (Met1-Leu158) was cloned from total RNA of rat sinusoidal endothelial cells using standard protocols. The native protein expressed in insect cells starts with Ala24.
Storage:	The lyophilized Rat PIGF, though stable at room temperature, is best stored in working aliquots at –20°C to –70°C. Avoid repeated freeze-thaw cycles!
RefSeq:	<u>NP 446047</u>
Locus ID:	94203
UniProt ID:	<u>Q63434</u>



This product is to be used for laboratory only. Not for diagnostic or therapeutic use. ©2023 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US

	Placenta growth factor / PGF Rat Protein – AR31058PU-N
Cytogenetics:	6q31
Synonyms:	Plgf
Summary:	forms a heterodimer with VEGF; may play a role in vascular endothelial cell proliferation [RGD, Feb 2006]

Product images:



This product is to be used for laboratory only. Not for diagnostic or therapeutic use. ©2023 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US