

#### 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 datasheet for DA3509S**

### Placenta growth factor / PGF (His-tag) Human Protein

### **Product data:**

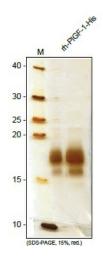
Product Type:	Recombinant Proteins
Description:	Placenta growth factor / PGF (His-tag) human recombinant protein, 2 $\mu g$
Species:	Human
Expression Host:	Insect
Tag:	His-tag
Predicted MW:	38 kDa
Purity:	>95% by SDS-PAGE and visualised by silver stain
Buffer:	Presentation State: Purified State: Lyophilized purified protein with BSA as stabilizer Buffer System: 50 mM Acetic Acid
Bioactivity:	Biological: Measured by its ability to bind to immobilized rh-sFlt-1 in a functional ELISA. Recombinant human PIGF-1 can bind to immobilized rh-sFlt-1 (100 ng/well) with a linear range at 0.5-10 ng/ml.
Endotoxin:	< 0.1 ng per ug of PIGF-1
Reconstitution Method:	The PIGF-1 is supplied in lyophilized form with carrier-protein (BSA) and can be restored with 50mM Acetic acid or PBS/water. This solution can be diluted into other buffered solutions or stored frozen for future use.
Preparation:	Lyophilized purified protein with BSA as stabilizer
Protein Description:	Recombinant Human PIGF-1 (His-tag).
Note:	Always centrifuge vials before 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:	<u>NP 001193941</u>
Locus ID:	5228
UniProt ID:	<u>P49763</u> , <u>Q86TW6</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 (His-tag) Human Protein – DA3509S
Cytogenetics:	14q24.3
Synonyms:	D12S1900; PGFL; PIGF; PLGF; PIGF-2; SHGC-10760
Summary:	This gene encodes a growth factor found in placenta which is homologous to vascular endothelial growth factor. Alternatively spliced transcripts encoding different isoforms have been found for this gene.[provided by RefSeq, Jun 2011]
Protein Families	Druggable Genome, Secreted Protein
Protein Pathway	s: Bladder cancer, Focal adhesion, mTOR signaling pathway, Pancreatic cancer, Pathways in cancer, Renal cell carcinoma

# 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