

## Product datasheet for **DA3509**

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

#### Product data:

Product Type:	Recombinant Proteins
Description:	Placenta growth factor / PGF (His-tag) human recombinant protein, 5 µg
Species:	Human
Expression Host:	Insect
Tag:	His-tag
Predicted MW:	36.5 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 PlGF-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 PlGF-1
Reconstitution Method:	The PlGF-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 PlGF-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:	<a href="#">NP_001193941</a>
Locus ID:	5228
UniProt ID:	<a href="#">P49763</a> , <a href="#">Q86TW6</a>



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<b>Cytogenetics:</b>	14q24.3
<b>Synonyms:</b>	D12S1900; PGFL; PIGF; PLGF; PIGF-2; SHGC-10760
<b>Summary:</b>	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]
<b>Protein Families:</b>	Druggable Genome, Secreted Protein
<b>Protein Pathways:</b>	Bladder cancer, Focal adhesion, mTOR signaling pathway, Pancreatic cancer, Pathways in cancer, Renal cell carcinoma

### Product images:

