

## Product datasheet for DA3510S

### PLGF (PGF) (NM\_001207012) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Human Placenta Growth Factor-2 / PIGF-2. <b>Result by N-terminal sequencing:</b> LPAVPPQWA <b>Length (aa):</b> 152
Species:	Human
Expression Host:	Insect
Predicted MW:	~ 45 kDa
Purity:	> 90 % pure by SDS-PAGE and visualised by silver stain.
Buffer:	50 mM Acetic Acid with BSA (50-fold) as stabilizer.
Bioactivity:	Measured by its ability to bind to immobilized recombinant Human sFlt-1 in a functional ELISA. Recombinant human PIGF-2 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 µg of PIGF-2
Reconstitution Method:	Restore with 50 mM Acetic Acid or PBS/Water. Centrifuge vial before opening!
Preparation:	Lyophilized purified protein.
RefSeq:	<a href="#">NP_001193941</a>
Locus ID:	5228
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 Pathways:	Bladder cancer, Focal adhesion, mTOR signaling pathway, Pancreatic cancer, Pathways in cancer, Renal cell carcinoma



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