



Human PGF peptide (DAG-P1061)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	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]
Specificity	While the three isoforms are present in most placental tissues, PIGF-2 is specific to early (8 week) placenta and only PIGF-1 is found in the colon and mammary carcinomas.
Purity	70 - 90% by HPLC.
Conjugate	Unconjugated
Sequence Similarities	Belongs to the PDGF/VEGF growth factor family.
Format	Liquid
Preservative	None
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Information available upon request.

GENE INFORMATION

Gene Name	PGF placental growth factor [Homo sapiens (human)]
Official Symbol	PGF
Synonyms	PGF; placental growth factor; PGFL; PLGF; PIGF-2; D12S1900; SHGC-10760; placenta growth factor; placental growth factor, vascular endothelial growth factor-related protein;
Entrez Gene ID	5228
mRNA Refseq	NM_001207012.1

Protein Refseq	NP_001193941.1
UniProt ID	P49763
Chromosome Location	14q24.3
Pathway	Focal Adhesion, organism-specific biosystem; Focal adhesion, organism-specific biosystem; Focal adhesion, conserved biosystem; PI3K-Akt signaling pathway, organism-specific biosystem; PI3K-Akt signaling pathway, conserved biosystem; Pathways in cancer, organism-specific biosystem; Rap1 signaling pathway, organism-specific biosystem; Rap1 signaling pathway, conserved biosystem; Ras signaling pathway, organism-specific biosystem; Signal Transduction, organism-specific biosystem; Signaling by VEGF,
Function	growth factor activity; heparin binding; protein binding; protein heterodimerization activity; protein homodimerization activity;