

## Recombinant Human PLGF2

<b>Catalog No.</b>	CRP172A CRP172B CRP172C	<b>Quantity:</b>	10 µg 50 µg 1.0 mg
<b>Alternate Names:</b>	Placental Growth Factor, PGF, PLGF, PGFL		
<b>Description:</b>	Recombinant Human PLGF2 is a homodimer containing 2 x 153 amino acids. Each polypeptide has a mass of 18 kDa and the molecular weight of the dimer is 36 kDa.		
<b>Gene ID:</b>	5228		
<b>Source:</b>	<i>E. coli</i>		
<b>Molecular Weight:</b>	36 kDa		
<b>Formulation:</b>	Lyophilized from a sterile filtered solution without additives		
<b>Purity:</b>	> 90% as determined by SDS-PAGE analysis		
<b>Endotoxin Level:</b>	< 0.1 ng/µg of PLGF2		
<b>Biological Activity:</b>	The PLFG2 is fully biologically active when compared with standards. Recombinant human PLGF2 can bind to immobilized rh-sFlt-1 (100 ng/well) with linear range at 0.3-10 ng/ml.		
<b>Reconstitution:</b>	<b>Centrifuge vial prior to opening.</b> First add sterile 20 mM AcOH (acetic acid) to the vial to fully solubilize the protein to a concentration of 0.1-1.0 µg/ml. After complete solubilization of the protein, it can be further diluted to other aqueous solutions.		
<b>Storage &amp; Stability:</b>	Store lyophilized protein at -20°C to -80°C. Reconstituted protein is stable for 1 week at 2-4°C. For long term storage, aliquot and store at -20°C with a carrier protein (0.1% HSA or BSA) as a stabilizer. <b>Please note that the addition of any carrier protein into this product may produce unwanted endotoxin. This depends upon the particular application employed. Avoid repeated freeze-thaw cycles.</b>		

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.



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