
Product Data Sheet

Product Name: PLGF2 Human
 Cat. No.: GP20842
 Batch No.: 1

Product Data

Purity	>98%	Source	Insect Cells.
Physical Appearance	solid	Shipping Condition	Shipped at Room temp.
Synonyms	PIGF; PGF; PIGF-2; PLGF-2.		
Solubility	It is recommended to reconstitute the lyophilized Placenta Growth Factor 2 in sterile 20mM acetic acid not less than 100µg/ml, which can then be further diluted to other aqueous solutions.		
Formulation	Lyophilized from a concentrated (1mg/ml) solution containing BSA.		

Introduction

PLGF is a growth factor active in angiogenesis, and endothelial cell growth, stimulating their proliferation and migration. It binds to receptor vegfr-1/flt1. PLGF-2 binds neuropilin-1 and 2 in a dependent manner.

Biological Activity

PIGF-2 human Recombinant can bind to immobilized rh-sFlt-1 (100ng/well) with a linear range at 0.3nCi10ng/ml.

Stability

Lyophilized Placenta Growth Factor-2 although stable at room temperature for 3 weeks, should be stored desiccated below -18°C . Upon reconstitution PLGF2 should be stored at 4°C between 2-7 days and for future use below -18°C .Please prevent freeze-thaw cycles.

Background

Placenta Growth Factor-2 Human Recombinant produced in insect cells is a homodimer, glycosylated polypeptide chain containing 2 x 152 amino acids and having a total molecular mass of 44 kDa. The PLGF-2 is purified by proprietary chromatographic

Caution: Product has not been fully validated for medical applications. For research use only.

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