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PLGF 2 Human, Sf9

Recombinant Human Placental Growth Factor-2, Sf9
GRF0329

Product Overview

Name	PLGF 2 Human, Sf9
Description	
Recombinant Human Placental Growth Factor-2, Sf9	
Accession (Primary)	P49763
Synonyms	
PlGF, PGF, PlGF-2, PLGF-2.	
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.	
Source	
Insect Cells.	
Physical Appearance	
Sterile Filtered White lyophilized (freeze-dried) powder.	
Formulation	
Lyophilized from a concentrated (1mg/ml) solution containing BSA.	
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.	
Purity	
Greater than 80.0% as determined by: (a) Analysis by RP-HPLC. (b) Analysis by SDS-PAGE.	
Biological Activity	
PlGF-2 human Recombinant can bind to immobilized rh-sFlt-1 (100ng/well) with a linear range at 0.3–10ng/ml.	
Solubility	
It is recommended to reconstitute the lyophilized Placenta Growth Factor 2 in sterile 20mM acetic acid not less than 100 µg/ml, which can then be further diluted to other aqueous solutions.	
Precautions	
PLGF 2 Human, Sf9 is for research use only and not for use in diagnostic or therapeutic procedures.	

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Target Information: (P49763)