9051 Mira Mesa Blvd, #910094
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PLGF Human, His

Placental Growth Factor Human Recombinant, His Tag
GRF0331

Product Overview

Name	PLGF Human, His
Description	
Placental Growth Factor Human Recombinant, His Tag	
Accession (Primary)	P49763
Synonyms	
PIGF, PGF, PLGF-1.	
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.	
Source	
Escherichia Coli.	
Physical Appearance	
Filtered White lyophilized (freeze-dried) powder.	
Formulation	
PLGF1 filtered (0.4 µm) and lyophilized from 0.5mg/ml in PBS and 5% w/v trehalose, pH 7.4.	
Stability	
Store lyophilized protein at -20°C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles. Reconstituted protein can be stored at 4°C for a limited period of time; it does not show any change after two weeks at 4°C.	
Purity	
Greater than 95.0% as determined by SDS-PAGE.	
Amino acid sequence	
MKHHHHHHAS LPAVPPQQWA LSAGNGSSEV EVVPFQEVWG RSYCRALERL VDVVSEYPSE VEHMFSPSCV SLLRCTGCCG DENLHCVPVE TANVTMQLLK IRSGDRPSYV ELTFSQHVRC ECR.	
Solubility	
It is recommended to add deionized water to prepare a working stock solution of approximately 0.5mg/ml and let the lyophilized pellet dissolve completely. PLGF1 is not sterile! Please filter the product by an appropriate sterile filter before using it in the cell culture.	

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Precautions

PLGF Human, His is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P49763)