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PLGF3 Human

Placental Growth Factor-3 Human Recombinant
GRF0339

Product Overview

Name	PLGF3 Human
Description	
Placental Growth Factor-3 Human Recombinant	
Accession (Primary)	P49763
Synonyms	
Placental Growth Factor, Placental Growth Factor Vascular Endothelial Growth Factor-Related Protein, PGFL, PLGF, Placental Growth Factor-Like, Placenta Growth Factor, SHGC-10760, D12S1900, PlGF-2, PGF.	
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	
Sterile Filtered White lyophilized (freeze-dried) powder.	
Formulation	
Lyophilized from a sterile (0.2 µm) filtered aqueous solution containing 0.1% Trifluoroacetic Acid (TFA).	
Stability	
Lyophilized PLGF3 although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution PLGF-3 should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.	
Purity	
Greater than 95.0% as determined by SDS-PAGE.	
Amino acid sequence	
MLPAVPPQQW ALSAGNGSSE VEVVPFQEVW GRSYCRALER LVDVVSEYPS EVEHMFSPSC VSLLRCTGCC GDENLHCVPV ETANVTMQLL KIRSGDRPSY VELTFSQHVR CECRHSPGRQ SPDMPGDFRA DAPSFLPPRR SLPMLFRMEW GCALTGSQSA VWPSSPVPEE IPRMHPGRNG KKQQRKPLRE KMKPERCGDA VPRR.	
Solubility	
It is recommended to reconstitute the lyophilized PLGF-3 in sterile 18M-cm H 2 O not less than 100 µg/ml, which can	

then be further diluted to other aqueous solutions.

Precautions

PLGF3 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P49763)