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Datasheet for ABIN7320626

PLGF Protein (His tag)

1 Image

Overview

Quantity:	50 µg
Target:	PLGF (PGF)
Origin:	Mouse
Source:	Human Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This PLGF protein is labelled with His tag.

Product Details

Purpose:	Recombinant Mouse PGF/PIGF Protein (His Tag)(Active)
Sequence:	Val19-Pro158
Characteristics:	Recombinant Mouse Placenta growth factor is produced by our Mammalian expression system and the target gene encoding Val19-Pro158 is expressed with a 6His tag at the C-terminus.
Purity:	> 95 % as determined by SDS-PAGE
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.
Biological Activity Comment:	Immobilized Human VEGFR1-Fc(Cat: PKSH033445) at 2µg/ml(100 µl/well) can bind Mouse PGF-His. The ED50 of Mouse PGF-His is 2.85µg/mL.

Target Details

Target:	PLGF (PGF)
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Target Details

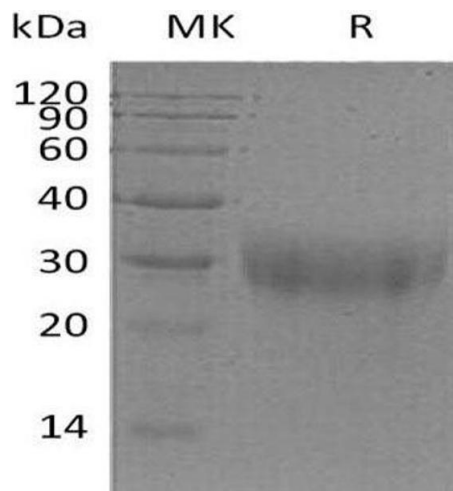
Alternative Name:	PGF/PlGF (PGF Products)
Background:	<p>Background: Placental growth factor is a protein that in humans is encoded by the PGF gene. It is a secreted protein and belongs to the PDGF/VEGF growth factor family. The protein is a member of the VEGF (vascular endothelial growth factor) sub-family-a key molecule in angiogenesis and vasculogenesis, in particular during embryogenesis. The main source of PGF during pregnancy is the placental trophoblast. PGF is also expressed in many other tissues, including the villous trophoblast.</p> <p>Synonym: Placenta growth factor, PlGF, Plgf, D12S1900, PGFL, PLGF, PlGF-2, SHGC-10760</p>
Molecular Weight:	16.9 kDa
UniProt:	P49764
Pathways:	VEGFR1 Specific Signals

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Reconstitution:	Please refer to the printed manual for detailed information.
Buffer:	Lyophilized from a 0.2 µm filtered solution of 20 mM PB,150 mM NaCl, pH 7.4.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.



Western Blotting

Image 1.