Cynomolgus PGF Protein

Cat. No. PGF-CM101

Description

Source	Recombinant Cynomolgus PGF Protein is expressed from HEK293 with His tag at the C-Terminus.
	It contains Ala21-Arg169.
Accession	A0A2K5VMT8
Molecular Weight	The protein has a predicted MW of 18.16 kDa. Due to glycosylation, the protein migrates to 25-35 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 1EU per μg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE

Formulation and Storage

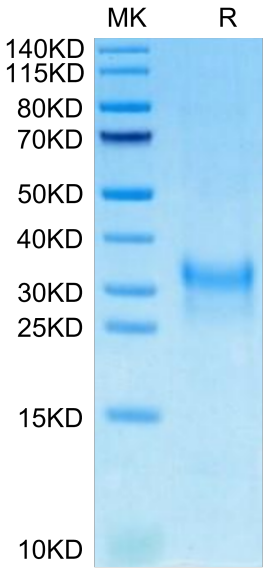
Formulation	Supplied as 0.22μm filtered solution in PBS (pH 7.4).
Storage	Valid for 12 months from date of receipt when stored at -80°C.Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Background

Placental growth factor (PGF) is another member of the VEGF family of cytokines with pro-angiogenic and pro-inflammatory effects. Retinal inhibition of PGF in combination with VEGF-A prevents vascular leakage and CNV possibly via modulating their own expression in mononuclear phagocytes. PGF-related, optimized strategies to target inflammation-mediated angiogenesis may help to increase efficacy and reduce non-responders in the treatment of wet AMD patients.

Assay Data

Bis-Tris PAGE



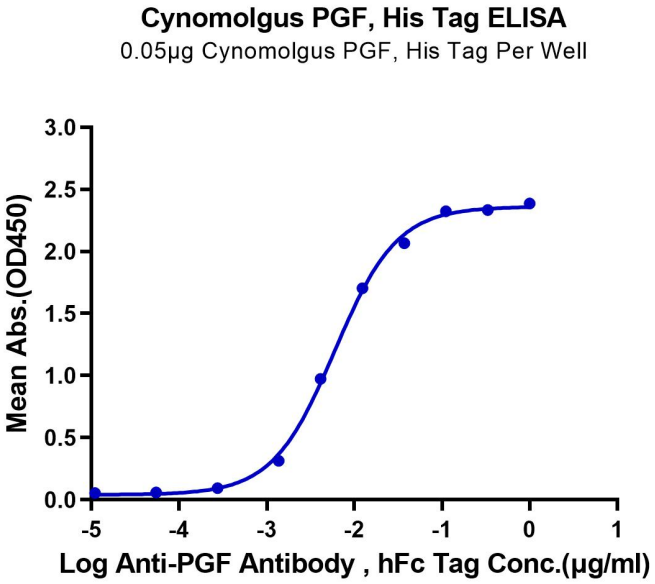
Cynomolgus PGF on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.

ELISA Data

Cynomolgus PGF Protein

Cat. No. PGF-CM101

Assay Data



Immobilized Cynomolgus PGF, His Tag at 0.5μg/ml (100μl/well) on the plate. Dose response curve for Anti-PGF Antibody, hFc Tag with the EC50 of 6.0ng/ml determined by ELISA.

For Research Use Only