

Active Recombinant Human PIGF Protein, Fc-tagged

Cat. No. PIGF-1123H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human PGF (NP_002623.2) (Met1-Arg170) was expressed in human cells with the Fc region of mouse IgG1 at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	1-170 a.a.
Form	Lyophilized Powder
Bio-activity	Measured by its binding ability in a functional ELISA. Immobilized human PGF-mFc at 10 µg/mL (100 µL/well) can bind human VEGFR1-His. The EC50 of human VEGFR1-His is 0.19-0.43 µg/mL.
Molecular Mass	The recombinant human PGF consists 386 amino acids and predicts a molecular mass of 43.7 kDa.
Endotoxin	<1.0 EU per µg protein as determined by the LAL method.
Purity	> 95 % as determined by SDS-PAGE.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage buffer	PBS, pH 7.4

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GENE INFORMATION

Gene Name	PIGF phosphatidylinositol glycan anchor biosynthesis, class F [Homo sapiens]
Official Symbol	PIGF
Synonyms	PIGF; phosphatidylinositol glycan anchor biosynthesis, class F; phosphatidylinositol glycan, class F; phosphatidylinositol-glycan biosynthesis class F protein; PIG-F; GPI11 homolog; MGC32646; MGC33136;
Gene ID	5281
mRNA Refseq	NM_002643
Protein Refseq	NP_002634
MIM	600153
UniProt ID	Q07326

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