

Active Recombinant Human VEGFA&PGF

Cat. No. VEGFA&PGF-399H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human VEGFA&PGF (Accession # AAM03108 (VEGF) & AAD30179 (PIGF)) was produced in E. coli-derived.
Species	Human
Source	E.coli
Predicted N Terminal	Ala27 (VEGF) & Ala21 (PIGF)
Form	Lyophilized from a 0.2 µ filtered solution in Acetonitrile and TFA with BSA as a carrier protein.
Bio-activity	Measured in a cell proliferation assay using HUVEC human umbilical vein endothelial cells. Conn, G. et al. (1990) Proc. Natl. Acad. Sci. USA 87:1323. The ED50 for this effect is typically 15 - 75 ng/mL.
Molecular Mass	Recombinant Human VEGFA&PGF has a calculated MW of 28 kDa.
Purity	>97%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).
Reconstitution	Reconstitute at 50 µg/mL in sterile PBS containing at least 0.1% human or bovine

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serum albumin.

GENE INFORMATION

Gene Name	VEGFA vascular endothelial growth factor A [Homo sapiens]
Official Symbol	VEGFA
Synonyms	VEGFA; vascular endothelial growth factor A; vascular endothelial growth factor , VEGF; VEGF A; VPF; vascular permeability factor; VEGF; MVCD1; MGC70609;
Gene ID	7422
mRNA Refseq	NM_001025366
Protein Refseq	NP_001020537
MIM	
UniProt ID	P15692
Chromosome Location	6p12

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