Active Recombinant Human VEGFA Protein, Fc-tagged

Cat. No. VEGFA-34H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant VEGF121-Fc protein contains 359 amino acids which was expressed from vegf121 gene fused with Fc region of human IgG1 at its C-terminus was produced in a mammalian cell line.
Species	Human
Source	Mammalian Cells
Bio-activity	The protein was active in ELISA assay with an EC50 of about 5 ng. (VEGF121-Fc was immobilized on the plate and was detected by anti VEGF antibody.)
Molecular Mass	41 kDa
Purity	Greater than 95% by SDS-PAGE
Storage	Upon reconstitution, the preparation is stable for up to 1 month at 2-8 centigrade. For long term storage, apportion the reconstituted preparation into working aliquots and store at -20 centigrade to -70 centigrade. Avoid repeated freeze/thaw cycles.
Storage Buffer	Lyophilized from a 0.22μm filtered solution at a concentration of 1mg/ml in PBS.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute in sterile distilled water to a concentration of 1.0 mg/ml.

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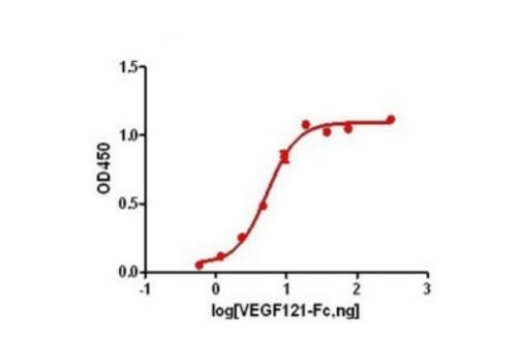
Shipping	The Product is shipped at ambient temperature.

GENE INFORMATION

Gene Name	VEGFA vascular endothelial growth factor A [Homo sapiens (human)]
Official Symbol	VEGFA
Synonyms	VEGFA; vascular endothelial growth factor A; VPF; VEGF; MVCD1; vascular endothelial growth factor A; vascular endothelial growth factor A121; vascular endothelial growth factor A165; vascular permeability factor
Gene ID	7422
mRNA Refseq	NM_001025370
Protein Refseq	NP_001020541
MIM	192240
UniProt ID	P15692
Activity	

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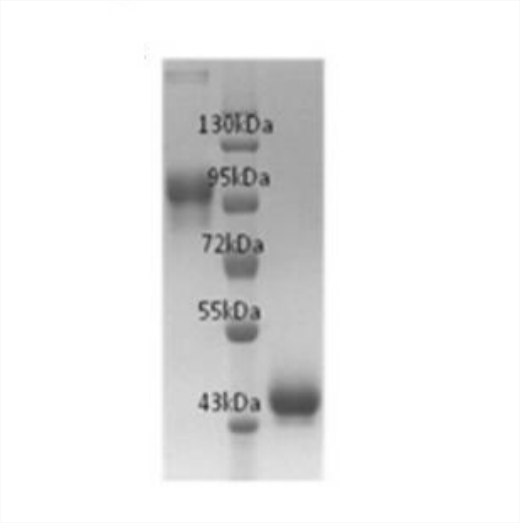
	ELISA to measure the activity of VEGF121-Fc.
SDS-PAGE	 The purity of recombinant VEGF121-Fc 2μg of VEGF121-Fc under reducing condition.

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