

Recombinant Human VEGFA Protein, None-tagged, Alexa Fluor 488 conjugated

Cat. No. VEGFA-210HAF488 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Alexa Fluor 488 conjugated recombinant human VEGFA (P15692-4) (Met 1-Arg 191), fused with no tag, was produced in Baculovirus-Insect cells.
Species	Human
Source	Insect Cells
ProteinLength	165
Form	Lyophilized
Molecular Mass	The recombinant human VEGF consists of 165 amino acids after removal of the signal peptide and predicts a molecular mass of 19.2 kDa. Due to different glycosylation, the apparent molecular mass of rhVEGF165 is approximately 20 and 22 kDa in SDS-PAGE under reducing conditions, corresponding to the monomer.
Endotoxin	< 1.0 EU/ µg of the protein as determined by the LAL method.
Characteristic	Disulfide-linked homodimer Labeled with Alexa Fluor 488 via amines Excitation Wavelength: 488 nm Emission Wavelength: 515-545 nm
Stability	Samples are stable for up to 12 months from date of receipt at -70 centigrade.

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Storage	Store it under sterile conditions at -20 to -70 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Storage Buffer	Lyophilized from sterile PBS, pH 7.4
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution. Centrifuge the vial at 4 centigrade before opening to recover the entire contents.
Conjugation	Alexa Fluor 488

GENE INFORMATION

Gene Name	VEGFA vascular endothelial growth factor A [Homo sapiens]
Official Symbol	VEGFA
Gene ID	7422
mRNA Refseq	NM_001025366
Protein Refseq	NP_001020537
UniProt ID	P15692

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