

Recombinant Human VEGFA Prorein, Alexa Fluor 555 conjugated

Cat. No. VEGFA-406HAF555 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	A DNA sequence encoding the human VEGF 121 isoform (P15692-9) (Met1-Arg147) (Alexa Fluor 555 conjugated) was expressed.
Species	Human
Source	HEK293
ProteinLength	Met1-Arg147 121
Form	Lyophilized
Molecular Mass	The recombinant human VEGF consists of 121 amino acids and has a predicted molecular mass of 14 kDa. The apparent molecular mass of the human VEGF 121 is approximately 19.9 and 17.0 kDa in SDS-PAGE under reducing conditions due to glycosylation.
Endotoxin	< 1.0 EU/ µg of the protein as determined by the LAL method.
Purity	(55.6+41.6) % as determined by SDS-PAGE
Characteristic	Disulfide-linked homodimer Labeled with Alexa Fluor 555 via amines With an excitation and emission maximum of 555/565 nm, Alexa Fluor 555 can be efficiently excited using a 543 nm He-Ne laser line and detected under standard

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TRITC/Cy3 filters.

Stability

Samples are stable for up to 12 months from date of receipt at -70 centigrade.

Storage

Store it under sterile conditions at -70 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Storage Buffer

Lyophilized from sterile PBS, pH7.4.

Conjugation

Alexa Fluor 555

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

UniProt ID

P15692

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