

Active Recombinant Human VEGFA protein, His-tagged, FITC-Labeled

Cat. No. VEGFA-0827H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	FITC-Labeled Recombinant Human VEGFA protein(Ala27-Arg191), fused with His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	27-191 a.a.
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4 with trehalose as protectant.
Bio-activity	Immobilized Bevacizumab at 2 µg/mL (100 µL/well) can bind FITC-Labeled Human VEGF165, His Tag with a linear range of 39-156 ng/mL.
Molecular Mass	This protein carries a polyhistidine tag at the N-terminusThe protein has a calculated MW of 21.1 kDa. The protein migrates as 27-30 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Proteinlength	Ala27-Arg191
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>90% as determined by SDS-PAGE.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.
Conjugation	FITC

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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