

Recombinant Human VEGFC protein, His & T7-tagged

Cat. No. VEGFC-604H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human VEGFC aa. (Glu47~Trp413 (Accession # P49767)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Glu47~Trp413
Description	The protein encoded by this gene is a member of the platelet-derived growth factor/vascular endothelial growth factor (PDGF/VEGF) family. The encoded protein promotes angiogenesis and endothelial cell growth, and can also affect the permeability of blood vessels. The proprotein is further cleaved into a fully processed form that can bind and activate VEGFR-2 and VEGFR-3 receptors.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 45.5kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 8.2.

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Applications	SDS-PAGE; WB; ELISA; IP
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

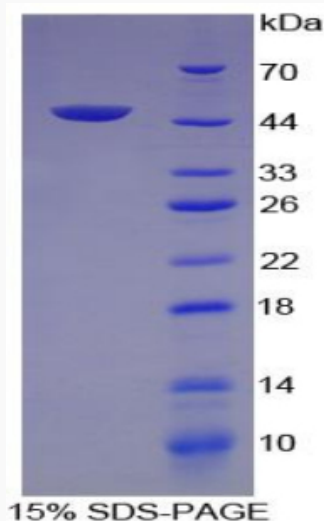
Gene Name	VEGFC vascular endothelial growth factor C [Homo sapiens (human)]
Official Symbol	VEGFC
Synonyms	VEGFC; vascular endothelial growth factor C; VRP; Flt4-L; LMPH1D; vascular endothelial growth factor C; FLT4 ligand DHM; vascular endothelial growth factor-related protein
Gene ID	7424
mRNA Refseq	NM_005429.4
Protein Refseq	NP_005420.1
UniProt ID	P49767

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SDS-PAGE



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