

Recombinant Human VEGFC Protein, His-tagged

Cat. No. VEGFC-566H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human VEGFC Protein (Glu47-Trp413) with N-His tag was expressed in E. coli.
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: 45.3 kDa Accurate Molecular Mass: 45 kDa
Purity	> 90%
Applications	Cell culture; Activity Assays.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by

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accelerated thermal degradation test, that is, incubate the protein at 37 centigrade 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 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

Storage Buffer

20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.

Reconstitution

Reconstitute in sterile water to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name

VEGFC vascular endothelial growth factor C [Homo sapiens (human)]

Official Symbol

VEGFC

Synonyms

VEGFC; vascular endothelial growth factor C; VRP; VEGF-C; FLT4 ligand DHM; vascular endothelial growth factor-related protein; Flt4-L

Gene ID

7424

mRNA Refseq

NM_005429

Protein Refseq

NP_005420

MIM

601528

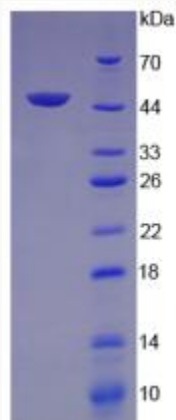
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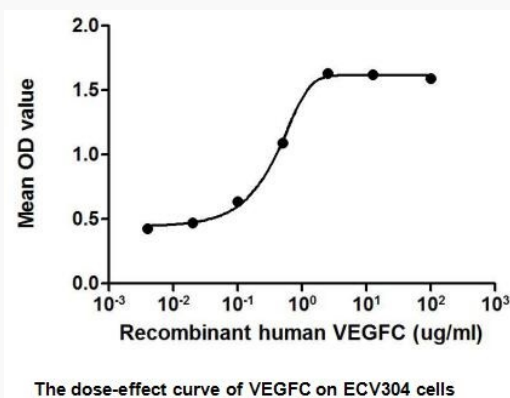
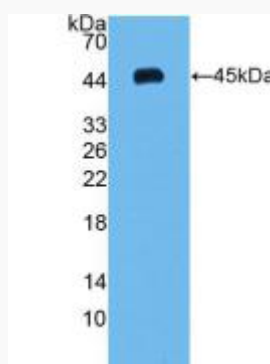
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