

Active Recombinant Human VEGFC Protein, His-tagged

Cat. No. VEGFC-133H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human VEGFC(Thr103-Arg227) fused with His tag at C-terminal was expressed in CHO.
Species	Human
Source	CHO
ProteinLength	Thr103-Arg227
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	1 x PBS
Bio-activity	The ED50 is 100 ~ 500 ng/ml, corresponding to a specific activity of 0.2 - 1.0 x 10 ⁴ units/mg, determined by the dose dependent stimulation of HUVEC cell proliferation.
Molecular Mass	15.4 kDa
Endotoxin	Less than 0.01 ng per g protein as determined by the LAL method.
Purity	>98%, as determined by Coomassie stained 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

Concentration Protein formulated and vialled at >50 ug/mL in specified buffer

GENE INFORMATION

Gene Name VEGFC vascular endothelial growth factor C [Homo sapiens]

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

UniProt ID P49767

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