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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

VEGFC (Human) Recombinant Protein (P01)

Catalog Number: H00007424-P01

Regulation Status: For research use only (RUO)

Product Description: Human VEGFC full-length ORF (NP_005420, 1 a.a. - 419 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MHLLGFFSVACSLAAALLPGPREAPAAAAAFESGLDL
SDAEPDAGEATAYASKDLEEQLRSVSSVDELMTVLYP
EYWKMYKCQLRKGQWQHNRQANLNSRTEETIKFAA
AHYNTEILKSIDNEWKRTQCMPEVVICIDVGKEFGVATN
TFFKPPCVSVYRCGGCCNSEGLQCMNTSTSYLSKTLF
EITVPLSQGPKPVTISFANHTSCRCMSKLDVYRQVHSII
RRSLPATLPQCQAANKTCPTNYMWNHICRCLAQED
FMFSSDAGDDSTDGFHDICGPNKELDEETCQCVCRA
GLRPASCGPHKELDRNSCQCVCCKNKLFPSCGANRE
FDENTCQCVCCKRTCPRNQPLNPGKCAECTESPQKC
LLKGKFFHHQTCSCYRRPCTNRQKACEPGFSYSEEV
CRCVPSYWKRPMQMS

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 71.72

Interspecies Antigen Sequence: Mouse (85); Rat (85)

Applications: AP, Array, ELISA, WB-Re

(See our web site product page for detailed applications information)

Protocols: See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Preparation Method: [in vitro wheat germ expression system](#)

Purification: Glutathione Sepharose 4 Fast Flow

Storage Buffer: 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 7424

Gene Symbol: VEGFC

Gene Alias: Flt4-L, VRP

Gene Summary: The protein encoded by this gene is a member of the platelet-derived growth factor/vascular endothelial growth factor (PDGF/VEGF) family, is active in angiogenesis and endothelial cell growth, and can also affect the permeability of blood vessels. This secreted protein undergoes a complex proteolytic maturation, generating multiple processed forms which bind and activate VEGFR-3 receptors. Only the fully processed form can bind and activate VEGFR-2 receptors. This protein is structurally and functionally similar to vascular endothelial growth factor D. [provided by RefSeq]

References:

1. Soluble vascular endothelial growth factor receptor 3 is essential for corneal alymphaticity. Singh N, Tiem M, Watkins R, Cho YK, Wang Y, Olsen T, Uehara H, Mamalis C, Luo L, Oakey Z, Ambati BK Blood. 2013 May 16;121(20):4242-9. doi: 10.1182/blood-2012-08-453043. Epub 2013 Mar 8.