Recombinant Human VEGFC Protein

Cat. No. VEGFC-565H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human VEGFC protein without tag was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	419
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	Lyophilized
Molecular Mass	15 kDa
AA Sequence	MHLLGFFSVACSLLAAALLPGPREAPAAAAAFESGLDLSDAEPDAGEATAYASKDLE EQLRSVSSVDELMTVLYPEYWKMYKCQLRKGGWQHNREQANLNSRTEETIKFAAA HYNTEILKSIDNEWRKTQCMPREVCIDVGKEFGVATNTFFKPPCVSVYRCGGCCNS EGLQCMNTSTSYLSKTLFEITVPLSQGPKPVTISFANHTSCRCMSKLDVYRQVHSIIR RSLPATLPQCQAANKTCPTNYMWNNHICRCLAQEDFMFSSDAGDDSTDGFHDICG PNKELDEETCQCVCRAGLRPASCGPHKELDRNSCQCVCKNKLFPSQCGANREFDE NTCQCVCKRTCPRNQPLNPGKCACECTESPQKCLLKGKKFHHQTCSCYRRPCTNR

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	QKACEPGFSYSEEVCRCVPSYWKRPQMS
Purity	> 98%
Applications	WB; ELISA; FACS; FC
Stability	This bioreagent is stable at 4 centigrade (short-term) and -70 centigrade(long-term). After reconstitution, sample may be stored at 4 centigrade for 2-7 days and below -18 centigrade for future use.
Storage	At -20 centigrade.
Concentration	1 mg/mL
Storage Buffer	PBS (pH 7.4-7.5). Sterile-filtered colorless solution (reconst).
Reconstitution	Reconstitute in sterile distilled H2O to no less than 100 µg/mL; dilute reconstituted stock further in other aqueous solutions if needed. Please review COA for lot-specific instructions. Final measurements should be determined by the end-user for optimal performance.

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

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mRNA Refseq	NM_005429
Protein Refseq	NP_005420
MIM	601528
UniProt ID	P49767

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