

Vascular Endothelial Growth Factor C Human Recombinant HEK

Item Number	rAP-2511
Synonyms	VEGF-C, Vascular endothelial growth factor C, VRP, Flt4 ligand, Flt4-L, Vascular endothelial growth factor-related protein, VEGFC.
Description	VEGFC Human Recombinant produced by transfected human cells is a single polypeptide chain containing 204 amino acids (32-227). VEGFC is fused to an 8 amino acid His-tag at C-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	P49767
Amino Acid Sequence	FESGLDLSDAEPDAGEATAYASKDLEEQLRSVSSVDELMTVLYPEYWKMYKCQLRKGG-WQHNREQANLNSRTEETIKFAAAHYNTEILKSIDNEWRTQCMPCREVCIDVGKEFGVATNTFFKPPCVSVYRCGGCCNSEGQCMNTSTSYLSKTLFEITVPLSQGPKPVTISFANHTSCRCMSKLDVYRQVHSIIRRVDDHHH.
Source	HEK293 cells.
Physical Appearance and Stability	Sterile Filtered White lyophilized (freeze-dried) powder. Lyophilized VEGFC although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution VEGFC should be stored at 4°C between 2-7 days and for future use below -18°C. Please prevent freeze-thaw cycles.
Formulation and Purity	VEGFC was lyophilized from a 0.2 µM filtered solution of 20mM Tris-HCl and 150mM NaCl, pH 7.2. Greater than 95% as determined by SDS-PAGE.
Application	
Solubility	It is recommended to reconstitute the lyophilized VEGFC in 1xPBS to a concentration no less than 100 µg/ml, which can then be further diluted to other aqueous solutions.
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**