

## VEGF 蛋白 (VEGF-165)

种属:	Human Cells
表达系统:	Prokaryotic expression system、Eukaryotic expression system
标签:	C-His
同用名:	VEGF-AA; rHuVEGF165; VPF; Folliculostellate cell-derived growth factor; Glioma-derived endothelial cell mitogen
分子量:	23.5 KDa
纯度:	Greater than 95% as determined by Tris-Bis PAGE.
储存条件:	Lyophilized from a 0.2 μm filtered solution of 20 mM Tris, 100 mM NaCl, pH 7.0.
备注:	Always centrifuge tubes before opening.Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
储存时间:	Lyophilized protein should be stored at ≤ -20°C, stable for one year after receipt. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at ≤ -20°C for 3 months.
运输:	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.



## 背景:

Vascular endothelial growth factor (VEGF), also known as vascular permeability factor (VPF), is a homologous dimer glycoprotein with a molecular weight of 34-45 KDa, belonging to the basic protein. VEGF is mainly produced by perivascular cells and acts on endothelial cells through paracrine mechanism, and plays an important role in promoting angiogenesis, inhibiting apoptosis of endothelial cells and improving vascular permeability. Vascular endothelial growth factor (VEGF) has a variety of isomers that can be produced by splicing or proteolytic cleavage and have different receptor binding and matrix binding properties. The VEGF signaling system is complex, including five ligands, VEGF-A, VEGF-B, VEGF-C, VEGF-D and PlGF. Among all ligands, VEGF, specifically VEGF-A, plays an irreplaceable role in the angiogenesis and maintenance process. VEGF-C and VEGF-D are ligands that mediate lymphangiogenesis. The vegfa gene is translated into many splicing isomers, most notably VEGF-121, VEGF-165, and VEGF-189 in humans.

展示数据：（胶图或核磁数据编辑后删除）