

## Recombinant Swine VEGF (Vascular endothelial growth factor)

编号: PY2924

规格: 5  $\mu$ g  
20  $\mu$ g

类别: 重组蛋白

应用: Functional Assay

### 产品简介

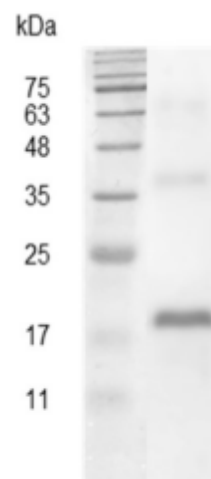
**描述:** Vascular endothelial growth factor (VEGF), originally known as vascular permeability factor (VPF), is a signal protein produced by cells that stimulates the formation of blood vessels. VEGF is required during embryogenesis to regulate the proliferation, migration, and survival of endothelial cells. In adults, VEGF functions mainly in wound healing and the female reproductive cycle. Pathologically, it is involved in tumor angiogenesis and vascular leakage. Circulating VEGF levels correlate with disease activity in autoimmune diseases such as rheumatoid arthritis, multiple sclerosis and systemic lupus erythematosus. VEGF is induced by hypoxia and cytokines such as IL-1, IL-6, IL-8, oncostatin M and TNF-alpha.

**来源:** *Escherichia coli*

**纯度:** >95% as determined by SDS-PAGE. Ni-NTA chromatography.

**内毒素检测:** <0.1 EU per 1  $\mu$ g of the protein by the LAL method.

**蛋白序列:** MAPMAEGDQKPHEVVKFMDVYQRS  
YCRPIETLVDIFQEYPDEIEYIFKPSCVP  
LMRCGGCCNDEGLECVPTTEFNITMQ  
IMRIKPHQGQHIGEMSFLQHMKCECR  
PKKDRARQENPCGPCSERRKHLFVQ  
DPQTCKCCKNTDSRCKARQLELNER  
TCRCDKPRR with polyhistidine tag at the C-terminus



SDS-PAGE analysis of recombinant swine VEGF

## 产品组成

成分： 从含有 1X PBS, pH 8.0 溶液中冻干的蛋白质.

## 产品储存

产品形式	储存温度	储存时间
冻干粉	-20°C至-80°C	自收到之日起1年
重悬液 (初始)	2°C至8°C	不超过1周
重悬液 (经稀释)	-20°C至-80°C	3到6个月

运输方式： 蓝冰

## 产品使用

- 1、开盖前，建议3000-3500rpm离心5 min。
- 2、推荐使用无菌水重悬冻干粉，溶液浓度不低于100 $\mu$ g/mL，不高于1 mg/mL，并室温静置至少20min以充分溶解。勿涡旋剧烈振荡。
- 3、重悬后的溶液，2-8°C无菌保存不超过1周。
- 4、如需长期保存，推荐使用无菌的含载体蛋白（如0.1% BSA、10% FBS 或5% HSA）的溶液进一步稀释（不低于10 $\mu$ g/mL）后分装保存，-20°C至-80°C无菌保存3到6个月。无血清实验需求时，可更换为5%海藻糖溶液作为载体。避免反复冻融。

WB= Western Blot; IP= Immunoprecipitation; IF= Immunofluorescence; IHC= Immunohistochemistry;  
FACS= Fluorescence activated Cell Sorting; FA= Functional Assay