

本公司提供的电子版说明书仅供参考，实验请以收到的纸质手册为准。

VEGFA, 206-325aa Rat, His tag, E.coli

产品货号: TP04473

第三版

别名: Vascular endothelial growth factor A isoform 3, Vegf, VEGF-A, VEGF164, VPF

描述: Vascular endothelial growth factor A isoform 3, also known as VEGFA, belongs to the PDGF/VEGF growth factor family. It is a growth factor active in angiogenesis, vasculogenesis and endothelial cell growth. VEGFA induces endothelial cell proliferation, promotes cell migration, inhibits apoptosis and induces permeabilization of blood vessels. It has been speculated that VEGF may function as a tumor angiogenesis factor in vivo because the expression pattern of VEGF is consistent with a role in embryonic angiogenesis. Recombinant Rat VEGFA protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

配方: Liquid. In Phosphate buffer saline (pH 7.4) containing 50% glycerol

分子量: 16.7 kDa (145aa) confirmed by MALDI-TOF

序列:

MGSSHHHHHSSGLVPRGSHMGSHMAPTTEGEQKAHEVVKFMDVYQRSYCRPIETLVDIFQEYYPDEIEYIFKPSCVPLMR
CAGCCNDEALECVPTSESNVTMQIMRIKPHQSQHIGEMSFLQHSRCECRPKKDRTKPEKCDKPRR

纯度: > 95% by HPLC

浓度: 0.25 mg/ml (determined by Bradford assay)

内毒素: <1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.