

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。

VEGF-B, 22-207 aa, Human, His-tagged, Recombinant, E.coli

产品货号: TP04467

第三版

别名: VEGFL, VEGF-related factor (VRF), Vascular endothelial growth factor B VEGF related factor, VRF, VEGFb

描述: VEGF-B, also known as Vascular endothelial growth factor-B, is one of 5 mammalian VEGF family members, the others being VEGF-A, VEGF-C, VEGF-D, and placental growth factor (PlGF). VEGF-B binds to one of the VEGF receptor tyrosine kinases, namely VEGF receptor-1 (VEGFR1, Flt1), but not to VEGFR2 and VEGFR3. VEGF-B is homodimeric, heparin-binding glycoprotein involved in embryonic angiogenesis and vasculogenesis. Recombinant VEGF-B protein was expressed in E.coli and purified by using conventional chromatography techniques.

配方: Liquid. In 20 mM Tris-HCl buffer (pH 7.5) containing 10% glycerol

分子量: 21.6 kDa (207 aa), confirmed by MALDI-TOF. (Molecular weight on SDS-PAGE will appear higher)

序列:

MGSSHHHHHSSGLVPRGSHMPVSPDAPGHQRKVVSWIDVYTRATCQPREVVVPLTVELMGTVAKQLVPSCVTVQR  
CGGCCPDDGLECVPTGQHQRVMQILMIRYPSSQLGEMSLEEHSQCECRPKKKDSAVKPDRAATPHHRPQPRSVPGWDS  
APGAPSPADITHPTPAPGPSAHAAPSTTSALTPGPAAAAADAAASSVAKGGA

纯度: > 95% by HPLC

浓度: 1 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.