

CHAMOT

Recombinant Mouse VEGF1 21

CM068-5MP

CM068-20MP

CM068-100MP

CM068-500MP

CM068-1000MP



CHAMOT

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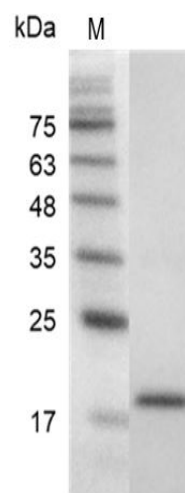
Recombinant Mouse VEGF121 (Vascular endothelial growth factor 121)

编号:	CM068-5MP CM068-20MP CM068-100MP CM068-500MP CM068-1000MP	规格:	5 µg 20 µg 100 µg 500 µg 1 mg
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- α .

来源: *Escherichia coli*
纯度: >95% as determined by SDS-PAGE. Ni-NTA chromatography.
生物学活性: Measure by its ability to induce proliferation in HUVEC cells. The ED₅₀ for this effect is < 3 ng/mL.
内毒素检测: < 0.1 EU per 1 µg of the protein by the LAL method.



SDS-PAGE analysis of recombinant mouse VEGF121

蛋白序列: MAPTTEGEQKSHEVIKFMDEVYQRSYC
 RPIETLVDIFQEYPDEIEYIFKPSCVPLM
 RCAGCCNDEALECVPTSESNITMQIM
 RIKPHQSQHIGEMSFLQHSRCECRPK
 KDRTKPEKCDKPRR with
 polyhistidine tag at the C-terminus
 交叉反应种属: Rat(97.5%)

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/运输

产品形式	储存温度	储存时间
冻干粉	-20℃至-80℃	自收到之日起1年
重悬液 (初始)	2℃至8℃	不超过1周
重悬液 (经稀释)	-20℃至-80℃	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5min。
- 2、推荐使用无菌水重悬冻干粉, 溶液浓度不低于100μg/mL, 不高于1mg/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℃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10ug/mL) 后分装保存, -20℃至 -80℃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