

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。

CSF1, 33-255aa, Human, His-tag, Baculovirus (Bioactivity Validated)

产品货号: TP01737

第三版

别名: Macrophage colony-stimulating factor 1, CSF1, M-CSF, MCSF, Lanimostim

描述: CSF1, also known as macrophage colony-stimulating factor 1, is a hematopoietic growth factor that is the primary regulator of the survival, proliferation, differentiation and function of mononuclear phagocytes. It is a four alpha-helical bundle cytokine and its active form is found extracellularly as a disulfide linked homodimer. This protein plays important roles in innate immunity, cancer and inflammatory diseases, including systemic lupus erythematosus, arthritis, atherosclerosis and obesity. In several conditions, activation of macrophages involves a CSF1 autocrine loop. In addition, secreted and cell-surface isoforms of CSF1 can have differential effects in inflammation and immunity. Recombinant human CSF1, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

配方: Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol

分子量: 26.1kDa (231aa) 28-40kDa (SDS-PAGE under reducing conditions.)

序列:

纯度: > 95% by HPLC

浓度: 0.25mg/ml (determined by Absorbance at 280nm)

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.