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Tumor Necrosis Factor- Human, Recombinant, E.coli

产品货号: TP04350

第三版

别名: TNFA, TNFSF2, DIF (differentiation inducing factor), CACHECTIN, DIF, TNF-alpha, Tumor necrosis factor alpha, Tumor necrosis factor alpha, TNF, tumor necrosis factor (TNF superfamily, member 2), TNF superfamily member 2,

描述: Tumor necrosis factor alpha (TNF-alpha), also called cachectin, consists of 157 amino acids. TNF-alpha is a 17.5 kD factor produced by neutrophils, CD4+ T cells, macrophage, NK cells, LAK cells, astrocytes endothelial cells, and smooth muscle cells. TNF-alpha is cytolytic and plays an important role in immune regulation including hemorrhagic tumor necrosis/cytotoxicity and inflammation, and in regulation of antiviral and immune proliferative and activation responses. The active form of this protein is a trimer. Recombinant human TNF-alpha was expressed in E. coli and purified by using conventional chromatography techniques. Additional amino acid, methionine, was attached at N-terminus of the protein.

配方: Liquid. In PBS, pH 7.4

分子量: 17.5 kDa (158 aa), confirmed by MALDI-TOF.

序列:

MVRSSSRTPSDKPVVAHVVANPQAEGQLQWLNRRANALLANGVELRDNQLVVPSEGLYLIYSQVLFKGGQGPSTHVLLTH
TISRIVSYQTKVNLLSAIKSPCQRETPEGAEAKPWYEPIYLGGVFQLEKGDRLSAEINRPDYLDFAESGQVYFGIIAL

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.