

MCSF, 33-190 aa, Human, His-tagged, Recombinant, E.coli

Cat.NO.: TP02931

3th Edition

Synonyms:Macrophage colony stimulating factor, CSF1.

Description:Macrophage colony stimulating factor (M-CSF), as known as CSF-1, one of the hematopoietic growth factors that regulate the growth and differentiation of blood cells. This protein is produced by monocytes, granulocytes, endothelial cells, and fibroblasts. It stimulates the formation of macrophage colonies, enhances antibody-dependent, cell-mediated cytotoxicity by monocytes and macrophages, and inhibits bone resorption by osteoclasts.

Form:Liquid. In 20 mM Tris-HCl buffer (pH8.0), 2mM DTT, 10% glycerol

Molecular Weight:20.7 kDa (179aa)

Sequences:

MGSSHHHHHSSGLVPRGSHMEEVSEYCSHMIGSGHLQSLQRLIDSQMETSCQITFEFVDQEQLKDPVCYLKKAF
LLVQDIMEDTMRFRDNTPNIAIVQLQELSLRLKSCFTKDYEEDKACVRTFYETPLQLLEKVKNVFNETKNLLDKD
WNIFSKNCNNSFAECSSQDVVTKPDCN

Purity:> 95% by HPLC

Concentration:1 mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.