

GM-CSF, Human, Recombinant, E.coli

Cat.NO.: TP02277

3th Edition

Synonyms:Granulocyte-macrophage colony stimulating factor, CSF2, Colony stimulating factor 2, GMCSF

Description:Human GM-CSF is a 14.6kDa globular protein consisting of 128 amino acid containing two disulfide bonds. GM-CSF is a hematopoietic growth factor that stimulates the development of neutrophils and macrophages and promotes the proliferation and development of early erythroid megakaryocytic and eosinophilic progenitor cells.

Form:Liquid in phosphate-buffered saline (pH 7.4)

Molecular Weight:14.6 kDa (128 aa), confirmed by MALDI-TOF

Sequences:

MAPARSPSPSTQPWEHVNAIQEARRLLNLSRDTAAEMNETVEVISEMFDLQEPTCLQTRLELYKQGLRGSLTKLKG
PLTMMASHYKQHCPPTPETSCATQIITFESFKENLKDFLLVIPFDCWEPVQE

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.