

**mGM-CSF, 18-141 aa, Mouse, Recombinant, E.coli**

**Cat.NO.: TP02966**

3th Edition

**Synonyms:**Granulocyte-macrophage colony stimulating factor 2, Csf2, Csfgm, MGI-IGM

**Description:**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. It is produced in by endothelial cells, monocytes, fibroblasts and T-lymphocytes. GM-CSF inhibits neutrophil migration and enhances the functional activity of the mature end-cells.

**Form:**Liquid. In phosphate-buffered saline (pH 7.4) containing 10% glycerol

**Molecular Weight:**14 kDa (125 aa), confirmed by MALDI-TOF

**Sequences:**

MAPTRSPITVTRPWKHVEAIKEALNLLDDMPVTLNEEVEVVSNEFSFKKLTVCVQTRLKIFEQGLRGNFTKLKGALNM  
TASYQTYCPPTPETDCETQVTYADFIDSLKTFLTDPFECKKPVQK

**Purity:**> 95% by HPLC

**Concentration:**1 mg/ml (determined by BCA 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.