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## Product Datasheet

### Recombinant Mouse GM-CSF EBT-EPT161

Artikelname	Recombinant Mouse GM-CSF
Artikelnummer	EBT-EPT161
Hersteller Artikelnummer	EPT161
Alternativnummer	EBT-EPT161-50
Hersteller	ELK Biotechnology
Kategorie	Proteine/Peptide
Produktbeschreibung	Recombinant Mouse Granulocyte-Macrophage Colony-Stimulating Factor is produced by our E.coli expression system and the target gene encoding Ala18-Lys141 is expressed....
Molekulargewicht	Molecular weight: 14.2 KDa. Apparent molecular weight: 15 KDa, reducing conditions
UniProt	<a href="#">P01587</a>
Reinheit	Greater than 95% as determined by reducing SDS-PAGE.

#### Anwendungsbeschreibung

Redissolve: Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 $\mu$ g/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.. Endotoxin: Less than 0.001 ng/ $\mu$ g (0.01 EU/ $\mu$ g) as determined by LAL test. Background: Granulocyte-Macrophage Colony Stimulating Factor (GM-CSF) was initially characterized as a growth factor that can support the in vitro colony formation of granulocyte-macrophage progenitors. It is produced by a number of different cell types (including activated T cells, B cells, macrophages, mast cells, endothelial cells and fibroblasts) in response to cytokine of immune and inflammatory stimuli. Besides granulocyte-macrophage progenitors, GM-CSF is also a growth factor for erythroid, megakaryocyte and eosinophil progenitors. On mature hematopoietic, monocytes/ macrophages and eosinophils. GM-CSF has a functional role on nonhematopoietic cells. It can induce human endothelial cells to migrate and proliferate. Additionally, GM-CSF can also stimulate the proliferation of a number of tumor cell lines, including osteogenic sarcoma, carcinoma and adenocarcinoma cell lines