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## Product Datasheet

### Recombinant Human GM-CSF (C-6His) EBT-EPT269

|                          |                                                                                                                                                                                                                |
|--------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Artikelname              | Recombinant Human GM-CSF (C-6His)                                                                                                                                                                              |
| Artikelnummer            | EBT-EPT269                                                                                                                                                                                                     |
| Hersteller Artikelnummer | EPT269                                                                                                                                                                                                         |
| Alternativnummer         | EBT-EPT269-10                                                                                                                                                                                                  |
| Hersteller               | ELK Biotechnology                                                                                                                                                                                              |
| Kategorie                | Proteine/Peptide                                                                                                                                                                                               |
| Produktbeschreibung      | Recombinant Human Granulocyte-Macrophage Colony-Stimulating Factor is produced by our Mammalian expression system and the target gene encoding Ala18-Glu144 is expressed with a 6His tag at the C-terminus.... |
| Molekulargewicht         | Molecular weight: 15.5 KDa. Apparent molecular weight: 17-22 KDa, reducing conditions                                                                                                                          |
| UniProt                  | <a href="#">P04141</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 µg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.. Endotoxin: Less than 0.1 ng/µg (1 EU/µg) 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 non-hematopoietic 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