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## Product Datasheet

### Recombinant Mouse M-CSF (C-6His) EBT-EPT050

|                          |                                                                                                                                                                                                      |
|--------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Artikelname              | Recombinant Mouse M-CSF (C-6His)                                                                                                                                                                     |
| Artikelnummer            | EBT-EPT050                                                                                                                                                                                           |
| Hersteller Artikelnummer | EPT050                                                                                                                                                                                               |
| Alternativnummer         | EBT-EPT050-10                                                                                                                                                                                        |
| Hersteller               | ELK Biotechnology                                                                                                                                                                                    |
| Kategorie                | Proteine/Peptide                                                                                                                                                                                     |
| Produktbeschreibung      | Recombinant Mouse Macrophage Colony-stimulating Factor 1 is produced by our Mammalian expression system and the target gene encoding Lys33-Glu262 is expressed with a 6His tag at the C-terminus.... |
| Molekulargewicht         | Molecular weight: 27 KDa. Apparent molecular weight: 37-56 KDa, reducing conditions                                                                                                                  |
| UniProt                  | <a href="#">P07141</a>                                                                                                                                                                               |
| Reinheit                 | Greater than 95% as determined by reducing SDS-PAGE.                                                                                                                                                 |

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| Anwendungsbeschreibung | <p>Redissolve: Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100µg/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: Macrophage colony-stimulating factor 1(M-csf) is a single-pass type I membrane protein . It is a hematopoietic growth factor that is involved in the proliferation, differentiation, and survival of monocytes, macrophages, and bone marrow progenitor cells. M-CSF affects macrophages and monocytes in several ways, including stimulating increased phagocytic and chemotactic activity, and increased tumour cell cytotoxicity. The role of M-CSF is not only restricted to the monocyte/macrophage cell lineage. By interacting with its membrane receptor, M-CSF also modulates the proliferation of earlier hematopoietic progenitors and influence numerous physiological processes involved in immunology, metabolism, fertility and pregnancy</p> |
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