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Human CellExp GM-CSF, Human recombinant protein
Human Cellexp Human Recombinant GM-CSF
Catalog # PBV10686r

Specification

Human CellExp GM-CSF, Human recombinant protein - Product info

Primary Accession	P04141
Calculated MW	**15 to 36 kDa, monomer, glycosylated KDa**

Human CellExp GM-CSF, Human recombinant protein - Additional Info

Gene ID	**1437**
Gene Symbol	**CSF2**

Other Names
CSF-2, MGI-1GM, GM-CSF, Pluripoietin-alpha, Molgramostin, Sargramostim, MGC131935, MGC138897.

Gene Source	**Human**
Source	**Human 293 cell expressed**
Assay&Purity	**SDS-PAGE; ≥95%**
Assay2&Purity2	**N/A;**
Recombinant	**Yes**
Results	**0.4 to 2 ng/ml**

Application Notes
Reconstitute in sterile PBS containing 0.1% endotoxin-free, recombinant human serum albumin.

Format
Lyophilized

Storage
-80°C; Lyophilized from a PBS solution.

Human CellExp GM-CSF, Human recombinant protein - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Human CellExp GM-CSF, Human recombinant protein - Images

Human CellExp GM-CSF, Human recombinant protein - Background

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Granulocyte Macrophage Colony Stimulating Factor (GM-CSF) is a growth factor that supports the in-vitro colony formation of granulocytes-macrophages progenitor cells. It is a pleiotropic cytokine and is produced as a response to immune or inflammatory stimuli by activated cells of the hematopoietic system such as T cells, B cells, macrophages, mast cells, fibroblasts and alveolar epithelial cells. It plays an important role in regulating the proliferation, differentiation, survival and activation of hematopoietic cells such as granulocytes and monocytes, neutrophiles, basophiles and eosonophoiles, erythroid cells, megakaryocytes and T cells. Human and mouse GM-CSF have about 56% homology and are species specific. Human GM-CSF is not active on mouse cells and vice versa. It is active on canine and feline cells.

Human CellExp GM-CSF, Human recombinant protein - References

Lee F.,et al.Proc. Natl. Acad. Sci. U.S.A. 82:4360-4364(1985).
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Cantrell M.A.,et al.Proc. Natl. Acad. Sci. U.S.A. 82:6250-6254(1985).
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