

Human CellExp M-CSF, Human recombinant protein
Human Cellexp Human Recombinant M-CSF
Catalog # PBV10687r**Specification**

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

Primary Accession	P09603
Calculated MW	35 and 40 kDa, homodimer, glycosylated KDa

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

Gene ID	1435
Gene Symbol	CSF1
Other Names	
Macrophage Colony Stimulating Factor, CSF-1, Lanimostim, MCSF, MGC31930, M-CSF.	

Gene Source	Human
Source	Human 293 cell expressed
Assay&Purity	SDS-PAGE; ≥95%
Assay2&Purity2	N/A;
Recombinant	Yes
Results	0.5 to 4 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 M-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 Cytometry](#)
- [Cell Culture](#)

Human CellExp M-CSF, Human recombinant protein - Images**Human CellExp M-CSF, Human recombinant protein - Background**

Granulocyte/Macrophage Colony-Stimulating Factors are cytokines that act in hematopoiesis by controlling the production, differentiation, and function of 2 related white cell populations of the blood, the granulocytes and the monocytes-macrophages. MCSF induces cells of the monocyte/macrophage lineage. MCSF plays a role in immunological defenses, bone metabolism, lipoproteins clearance, fertility and pregnancy.

Human CellExp M-CSF, Human recombinant protein - References

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Wong G.G.,et al.Science 235:1504-1508(1987).
Cerretti D.P.,et al.Mol. Immunol. 25:761-770(1988).
Takahashi M.,et al.Biochem. Biophys. Res. Commun. 161:892-901(1989).
Ota T.,et al.Nat. Genet. 36:40-45(2004).