

Human M-CSF (glycosylated, HEK)

Synonyms: Macrophage Colony Stimulating Factor, CSF-1, Lanimostim, MCSF, MGC31930, M-CSF.

PLEASE NOTE: ALWAYS CENTRIFUGE VIAL BEFORE OPENING

Size	Order #	Lot #	Expiry Date
2 µg	1675.955.002		
10 µg	1675.955.010		
1 mg	1675.955.199		

Please enquire for bulk quantities and other vial sizes

Description

M-CSF Human Recombinant produced in HEK cells is a glycosylated homodimer, having a molecular weight range of 35-40kDa due to glycosylation.

- **Source** HEK
- **Purity** ≥ 95 % (SDS-PAGE)
- **Endotoxin level** ≤ 0.1ng/µg (≤ 1EU/µg)
- **Buffer** The M-CSF was lyophilized from a 0.2µm filtered solution containing 0.67mg/ml in 1xPBS*
- **Physical state** Sterile filtered, lyophilized

Biological Activity

The specific activity was determined by the dose-dependent stimulation of the proliferation of murine M-NFS-60 cells (Mouse Myeloid Leukemia indicator cell line) and is 1.13ng/ml.

Reconstitution

It is recommended to reconstitute the lyophilized M-CSF in sterile 1xPBS containing 0.1% endotoxin-free recombinant HSA.

Stability

Lyophilized M-CSF although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution M-CSF should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). **Please avoid repeated freeze-thaw cycles.**

Usage: For research use only. Not for use in diagnostic or therapeutic procedures. Not for human use.

*The Buffer may vary depending on the Lot #. Please contact our technical support if you have specific requirements.

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