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## Product Datasheet

### Human Macrophage Colony Stimulating Factor (rHuM-CSF) (orb1495033)

**Description**

M-CSF, also known as CSF-1, is a four

primary regulator of ma...

**Endotoxins**

Less than 1EU/mg of rHuM-CSF as determined by LAL method.

**Preservatives**

Lyophilized from a 0.2mm filtered solution in 20mM PB, containing 1% HSA and 3% Mannitol.

**Form/Appearance**

Sterile Filtered White lyophilized (freeze-dried) powder.

**Storage**

This lyophilized preparation is stable at 2-8°C, but should be kept at -20°C for long term storage, preferably desiccated. Upon reconstitution, the preparation is stable for up to one week at 2-8°C. For maximal stability, apportion the reconstituted preparation into working aliquots and store at -20°C to -70°C. Avoid repeated freeze/thaw cycles.

**Note**

For research use only

**Application notes**

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute in sterile distilled water to a concentration of 0.1 mg/mL. Stock solutions should be apportioned into working aliquots and stored at -20°C. Further dilutions should be made in appropriate buffered solutions.

**Protein Sequence**

EEVSEYCSHM IGSGHLQSLQ  
 RLIDSQMETS CQITFEFVDQ  
 EQLKDPVCYL KKAFLLVQDI  
 MEDTMRFRDN TPNAIAIVQL  
 QELSLRLKSC  
 FTKDYEEHDKACVRTFYETP  
 LQLEKVKNV FNETKNLLDK  
 DWNIFSKNCN NSFAECSSQ

**Source**

Baculovirus infected Silkworm

**MW**

Approximately 42.0 kDa, a covalently linked homodimer, of two 21.0 kDa polypeptide monomers (1-149 amino acid of human M-CSF).

**Expiration Date**

6 months from date of receipt.