
Product Datasheet

Human Granulocyte Colony Stimulating Factor (rHuG-CSF) (orb1495054)

Description

G-CSF is a pleiotropic cytokine

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Endotoxins

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

Preservatives

Lyophilized from a 0.2mm filtered concentrated solution in 10mM sodium acetate buffer pH 4.0.

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 or aqueous buffer containing 0.1% BSA to a concentration of 0.1-1.0 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

TPLGPASSLP QSFLKCLEQ
VRKIQGDGAA LQEKLCATYK
LCHPEELVLL GHSLGIPWAP
LSSCPSQALQ LAGCLSQLHS
GLFLYQGLLQ ALEGISPELG
PTLDTLQLDV ADFATTIWQQ
MEELGMAPAL QPTQGAMPAP
ASAFQRRAGG VLVASHLQSF
LEVSYRVLRR LAQP

Source

Escherichia coli.

MW

Approximately 18.7 kDa, as single