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Datasheet for ABIN1112269

## G-CSF Protein

### Overview

Quantity:	10 µg
Target:	G-CSF (CSF3)
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Biological Activity:	Active
Application:	Biochemical Assay (BCA)

### Product Details

Sequence:	TPLGPASSLP QSFLKCLEQ VRKIQGDGAA LQEKLCATYK LCHPEELVLL GHSLGIPWAP LSSCPSQALQ LAGCLSQLHS GLFLYQGLLQ ALEGISPELG PTLDTLQLDV ADFATTIWQQ MEELGMAPAL QPTQGAMPAF ASAFQRRAGG VLVASHLQSF LEVSYRVLRH LAQP.
Characteristics:	Determined by its ability to stimulate the proliferation of mouse M-NFS-60 cells. The expected ED50 is less or equal to 0.1 µg/ml, corresponding to a specific activity of greater than or equal to 1 x 10 <sup>7</sup> units/mg.
Purity:	> 95 % as determined by SDS-PAGE analysis.
Sterility:	0.2 µm filtered
Endotoxin Level:	Endotoxin: 1.EU/µg determined by LAL method.

### Target Details

Target:	G-CSF (CSF3)
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## Target Details

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Alternative Name: G-CSF ([CSF3 Products](#))

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Molecular Weight: 18.7 kDa.

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Pathways: [Cellular Response to Molecule of Bacterial Origin, Regulation of Actin Filament Polymerization](#)

## Application Details

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Comment: Length: 174 AA

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Restrictions: For Research Use only

## Handling

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Format: Lyophilized

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Reconstitution: We recommended spin the vial shortly prior to opening to bring the contents to the bottom. Lyophilized hG-CSF should be reconstituted in deionized water to 0,1-1 µg/mL to regain full activity. These stock solutions should be apportioned into working aliquots and stored at -20 °C. Further dilutions should be made in low endotoxin medium or buffered solution with FBS or tissue culture grade BSA.

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Storage: -20 °C