



[Go to Product page](#)

Datasheet for ABIN1112273  
**GM-CSF Protein**

### Overview

Quantity:	10 µg
Target:	GM-CSF (CSF2)
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Biological Activity:	Active
Application:	Biochemical Assay (BCA)

### Product Details

Sequence:	MAPARSPSPS TQPWEHVNAI QEARRLLNLS RD TAAEMNET VEI SEMFDL QEPTCLQTRL ELYKQGLRGS LTKLKGPLTM MASHYKQHCP PTPETSCATQ IITFESFKEN LKDFLLVIPD CWEPVQE.
Characteristics:	The ED50 was determined by the dose-dependent stimulation of the proliferation of human TF-1 cells 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:	GM-CSF (CSF2)
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## Target Details

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Alternative Name: GM-CSF ([CSF2 Products](#))

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Molecular Weight: 14.6 kDa.

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Pathways: [JAK-STAT Signaling](#), [Cellular Response to Molecule of Bacterial Origin](#)

## Application Details

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Comment: Length: 128 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 hGM-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 less or equal to -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