

Recombinant Human Granulocyte Macrophage Colony Stimulating Factor (rh GM-CSF)

Description:

Recombinant Human Granulocyte-Macrophage Colony Stimulating Factor

Source:

Escherichia Coli

Purity:

> 95 % as determined by SDS-PAGE and silver stain

Formulation:

Lyophilized from a 0.2 µm filtered solution in PBS

Specific Activity:

medium size: 1.3×10^7 IU/mg

large size: 1.8×10^7 IU/mg

Bioassay Method:

TF-1 cell proliferation assay

Sterility:

sterility test of vial product according to Eur. Ph. 2000

Endotoxin:

Less than 0.1 ng/µg , Lot Results: 0.01 ng/µg

Endotoxin was determined using the gel clot assay.

Reconstitution:

Reconstitute in sterile distilled water to a final concentration of 100 µg/ml.

Dilution:

For dilution with PBS or base medium carrier protein (0.1 - 1% albumin or 1 - 10 % appropriate serum) has to be included. Failure to dilute product according to these instructions will result in loss of activity.

Storage and Stability:

Store lyophilized material desiccated at -20 to -80° C. Store reconstituted material at -20 to -80° C. Avoid multiple freeze/thaw cycles.

This material is offered for **research only**. Not for use in human. For in vitro use only. ImmunoTools will not be held responsible for patent infringement or other violations that may occur with the use of our products.

<i>medium</i>	10 µg	Cat.N°	11133123
<i>large</i>	50 µg	Cat.N°	11133125

ImmunoTools Excellent Quality - Advantageously priced

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