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Product Specification

Product Name:

Granulocyte-Macrophage Colony-Stimulating Factor human – GM-CSF, Animal-component free, recombinant, expressed in E. coli, suitable for cell culture

Product Number:

SRP3050

Storage Temperature:

-20 °C

TEST

Specification

Appearance (Form)	Powder
Lyophilized	
Appearance (Colour)	White
Solubility (Solvent)	Water
Solubility (Volume Injected)	0.040 - 0.040 ml
Solubility (Turbidity)	Clear
Solubility (Color)	Colorless
Protein Content (Method)	Bradford
Vial Content (Size)	20.00 - 20.00
Vial Content (Unit Of Measure)	µg Protein
Vial Content (Actual Content)	20.00 - 26.00
Gel Electroph. (Gel)	SDS-Page
Gel Electroph. (Sample Treat.)	Reducing Conditions
Gel Electroph. (Stain)	Coomassie
Gel Elec. (Maj. Band at kDa)	14 - 15 kDa
Gel Electroph. (Purity)	≥ 98.0 %
Suitability (Test)	Cell Proliferation
Suitability (Cells Type)	TF-1
Suitability (ED50)	≤ 0.100 ng/ml
Endotoxin Level	≤ 1.000 EU/ug
Recommended Retest Period	-----
2 Years	

Specification: PRE.0.ZQ5.10000018374

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.