

3050 Spruce Street, Saint Louis, MO 63103, USA
Website: www.sigmaaldrich.com
Email USA: techserv@sial.com
Outside USA: eurtechserv@sial.com

Product Specification

Product Name:
Granulocyte-Macrophage Colony-Stimulating Factor human – GM-CSF, recombinant, expressed in HEK 293 cells, HumanKine[®], suitable for cell culture
Product Number: H5666

Storage Temperature: -20 °C

TEST	Specification
Purity by SDS-PAGE	≥ 95 %
Endotoxin Assay	< 1 EU/ug
Activity	0.4 - 2.0
ng/mL ED50	
The specific activity is determined by the dose dependent stimulation of the proliferation of the human TF-1 cells (human erythroleukemic indicator cell line)	

Specification: PRD.1.ZQ5.10000021814

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.