



Cell Therapy Systems Recombinant Human GM-CSF CTS™

Catalog Number: CTP2011

Quantity:

100 µg

Lot Number:

832758

Storage Temperature:

Expiration Date:

2-8°C

Expires one year from

date of receipt when stored as instructed

FOR RESEARCH USE OR NON-COMMERCIAL MANUFACTURING OF CELL-BASED PRODUCTS FOR CLINICAL RESEARCH.

CAUTION: Not intended for direct administration into humans or animals

Manufactured under ISO13485 Quality Standard.

Format:

Lyophilized

Filtration:

Filtered prior to lyophilization through a 0.22 µm sterile filter.

Carrier:

Carrier Free

TEST	SPECIFICATION	RESULT	UNITS
¹ Biological Activity	$ED_{50} = <0.1 \text{ ng/ml}$	0.055	ng/mL
² Endotoxin Testing	< 0.1 ng/μg	0.012	ng/μg
³ Purity	> 95%	>95	%

Quality Department

Date: 02-September-2010

REFERENCES:

- 1. Determined by Proliferation of TF-1 Cells
- 2. Determined by a quantitative endotoxin test using Limulus Amebocyte Lysate(LAL) as the detecting agent.
- 3. Determined by SDS-PAGE

For detailed information on our test methodologies, or for further support related to CTS™ products, please visit us at: www.invitrogen.com/celltherapysupport or contact our technical support team at: celltherapysupport@lifetech.com.