

Macrophage Cell Line Derived from TRIF/TRAM Double Knockout Mice

Catalog No. NR-9568

This reagent is the property of the U.S. Government.

Product Description:

The murine macrophage cell line was derived using primary bone marrow cells from TRIF (toll-interleukin-1 receptor domain-containing adaptor-inducing interferon-β)/TRAM (TRIF-related adaptor molecule) knockout mice. The primary bone marrow cells were immortalized by infection with the ecotropic transforming replication-deficient retrovirus J2 using techniques described in the literature.

Lot: 70022145

Manufacturing Date: 21JAN2019

TEST	SPECIFICATIONS	RESULTS
Growth Properties	Adherent	Adherent
Morphology	Macrophage	Macrophage
Multiplex PCR Amplification of Cytochrome C Oxidase I (COI) Gene	Murine origin No evidence of another species	Murine origin No evidence of another species
Total Cell Count	> 1.0 × 10 ⁶ cells per vial	6.7 × 10 ⁶ cells per vial
Post-Freeze Viability	≥ 50%	69.8%
Sterility (21-day incubation) Harpo's HTYE broth, 37°C and 26°C, aerobic ¹ Trypticase Soy broth, 37°C and 26°C, aerobic Sabouraud broth, 37°C and 26°C, aerobic Blood agar, 37°C, aerobic Blood agar, 37°C, anaerobic Thioglycollate broth, 37°C, anaerobic DMEM with 10% FBS, 37°C and 5% CO ₂	No growth No growth No growth No growth No growth No growth No growth	No growth No growth No growth No growth No growth No growth No growth
Mycoplasma Contamination Hoechst DNA stain Agar and broth culture (14-day incubation at 37°C) DNA detection by PCR of extracted Test Article nucleic acid	None detected None detected None detected	None detected None detected None detected

¹Atlas, Ronald M. *Handbook of Microbiological Media*. 3rd ed. Ed. Lawrence C. Parks. Boca Raton: CRC Press, 2004, p. 798.

/Heather Couch/

Heather Couch

07 AUG 2019

Program Manager or designee, ATCC Federal Solutions

ATCC®, on behalf of BEI Resources, hereby represents and warrants that the material provided under this certificate has been subjected to the tests and procedures specified and that the results described, along with any other data provided in this certificate, are true and accurate to the best of ATCC®'s knowledge.

ATCC® is a trademark of the American Type Culture Collection.

You are authorized to use this product for research use only. It is not intended for human use.

