

Macrophage Cell Line Derived from TRAM Knockout Mice

Catalog No. NR-9567

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Product Description:

The murine macrophage cell line was derived using primary bone marrow cells from 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. Cells were grown in DMEM (ATCC® 30-2022™) supplemented with 10% FBS (ATCC® 30-2020™) at 37° with 5% CO₂.

Lot: 70084307

Manufacturing Date: 23JUL2026

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/vial	8.4 × 10 ⁶ cells/vial
Post-Freeze Viability	≥ 60%	91.6%
Sterility test (BD BACTEC®) BD standard aerobic bottle at 35°C, 14-day incubation BD standard anaerobic bottle at 35°C, 14-day incubation	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

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