

RAW 264.7-GFP | 305699

Product description

Description RAW 264.7-GFP is a murine macrophage cell line derived from RAW 264.7 cells, which are a derivative of the 3T3-L1 fibroblast cell line. These cells are characterized by their ability to phagocytose and kill pathogens, and they are commonly used in studies of macrophage function and host-pathogen interactions. RAW 264.7-GFP cells express GFP (green fluorescent protein) under the control of the RAW 264.7 promoter, allowing for easy identification and tracking of these cells in various experimental settings.

Organism	Murine
Tissue	Macrophage
Disease	None
Synonyms	GFP/RAW264.7

Product information

Age	Adult
Gender	Male
Growth properties	Adherent

Product details

Citation	RAW 264.7-GFP (Cytion 305699)
Biosafety level	2
NCBI_TaxID	10090
CellosaurusAccession	CVCL_D7C8
GMO Status	GMO-S1: RAW 264.7-GFP is a genetically modified organism (GMO) derived from RAW 264.7 cells, which are a derivative of the 3T3-L1 fibroblast cell line. The cells are characterized by their ability to phagocytose and kill pathogens, and they are commonly used in studies of macrophage function and host-pathogen interactions. RAW 264.7-GFP cells express GFP (green fluorescent protein) under the control of the RAW 264.7 promoter, allowing for easy identification and tracking of these cells in various experimental settings.

Product information

XXXX RAW 264.7-GFP | 305699

Protein expression	GFP
--------------------	-----

Antigen expression

XXXXXXXXXX

Media	
Culture Medium	RPMI 1640, w: 2.0 mM $\text{Na}_2\text{HPO}_4 \cdot \text{H}_2\text{O}$, w: 2.0 g/L NaHCO_3 (Sigma), w: 100 mg/L Cytion 820700a

Supplements 10% FBS

Dissociation Reagent		
----------------------	---	--

Seeding density 2 5 x 10⁴ / m²

Fluid renewal 3

Freeze medium α -MEME supplemented with 10% FBS, 100 U/ml penicillin, 100 U/ml streptomycin, 100 U/ml nystatin + 10% DMSO

Thawing and Culturing Cells

1. 取出冻存管中的细胞悬液，放入含有 10 mL 完全培养基的细胞培养瓶中，轻轻混匀。
2. 将细胞悬液接种到含有 10 mL 完全培养基的细胞培养瓶中，轻轻混匀。
3. 将细胞悬液接种到含有 10 mL 完全培养基的细胞培养瓶中，轻轻混匀。
4. 将细胞悬液接种到含有 10 mL 完全培养基的细胞培养瓶中，轻轻混匀。
5. 将细胞悬液接种到含有 10 mL 完全培养基的细胞培养瓶中，轻轻混匀。
6. 将细胞悬液接种到含有 10 mL 完全培养基的细胞培养瓶中，轻轻混匀。
7. 将细胞悬液接种到含有 10 mL 完全培养基的细胞培养瓶中，轻轻混匀。

RAW 264.7-GFP | 305699

**Incubation
Atmosphere** 37°C, 5%_{CO2}, humidified

Flask Coating non-adherent

**Shipping
Conditions** Cryo vials, liquid nitrogen, dry ice, -78°C

**Storage
Conditions** Cryo vials, liquid nitrogen, -150 to -196 °C

RAW 264.7-GFP is a murine macrophage cell line.