

MacroCargo™ Human THP-1 with Chemo drugs (Nanoparticle System)

Cat. No.: MTS-1122-YF238

This product is for research use only and is not intended for diagnostic use.

Cell Properties

Product Overview	As a therapeutic tool, macrophage cell has a great capacity for delivering cargos because of their intrinsic characteristics. This product is engineered Human THP-1 carried with Chemo drugs by Nanoparticle System. MacroCargo™ products aim to improve the macrophage function and delivery of specific cargos. We also provide custom macrophage delivery systems based on your specific requirements.
Cell Name	THP-1
Cell Type	Cell Line
Cell Species	Human
Cell Background	THP-1 is a monocyte isolated from peripheral blood from an acute monocytic leukemia patient. This cell line can be used in immune system disorder research, immunology research, and toxicology research.

Cargo Properties

Cargo Type	Chemo drugs
Specific Cargo	Chemo drugs
Introduction	To be determined according to specific requirements
Cargo Delivery System Type	Nanoparticle System
Cargo Delivery Approach	Nanoparticles
Nanoparticle Component	Lipoid E80, phosphatidylethanolamine, and the hydrolyzed lyso.

Product Properties

Applications	Maintain drug concentrations; Improve drug distribution; Reduce side effects
Mycoplasma Testing	Negative
Sterility Testing	Negative

Shipping	Dry ice
Storage	Frozen cells should be stored in a liquid nitrogen tank (-150°C~-190°C) for long term.
Handling Notes	Frozen cells should be thawed immediately upon receipt and grown according to handling procedure to ensure cell viability and proper assay performance. Note: Do not freeze the cells upon receipt as it may result in irreversible damage to the cell line. Disclaimer: We cannot guarantee cell viability if the cells are not thawed immediately upon receipt and grown according to handling procedure.
Restriction	Research use only