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MacroCargo™ Mouse J774 with IL-17B (Viral System, Lentivirus)

Cat. No.: MTS-1222-YF338

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 be cause of their intrinsic characteristics. This product is engineered Mouse J774 carri ed with IL-17B by Viral System-Lentivirus. MacroCargo™ products aim to improve th e macrophage function and delivery of specific cargos. We also provide custom mac rophage delivery systems based on your specific requirements.
Cell Name	J774
Cell Type	Cell Line
Cell Species	Mouse
Cell Background	Mouse mononuclear macrophages J774A.1 is a cell line isolated in 1968 from the as cites of an adult, female mouse with reticulum cell sarcoma. This cell line can be us ed in immunology research.

Cargo Properties

Cargo Type	Cytokine
Specific Cargo	IL-17B
Cargo Common Name	IL17B
Cargo Alternative Names	NIRF; IL-20; IL-17B; ZCYTO7
Cargo Full Name	Interleukin 17B
Introduction	The protein encoded by this gene is a T cell-derived cytokine that shares sequence similarity with IL17. This cytokine was reported to stimulate the release of TNF alph a (TNF) and IL1 beta (IL1B) from a monocytic cell line. Immunohistochemical analys is of several nerve tissues indicated that this cytokine is primarily localized to neuro nal cell bodies. Alternative splicing results in multiple splice variants.
UniprotID	Q9UHF5
GeneID	27190
Cargo Delivery System Typ e	Viral System

Cargo Delivery Approach	Lentivirus

Product Properties

Applications	Improve survive; Promote persistence and activation of endogenous or adoptively transferred NK or T cells
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