



BioSpect

the business of Bio

24 years of leveraging the business of Bio
www.biospectrumindia.com

Thermo Fisher Scientific expand transfection reagent portfolio

05 November 2014 | News | By BioSpectrum Bureau

Thermo Fisher Scientific expand transfection reagent portfolio



Thermo Fisher Scientific has announced the launch of a new high-efficiency transfection reagent for mRNA delivery in neurons and primary cell types, Lipofectamine MessengerMAX.

It offers up to a five times the efficiency of DNA reagents and enables researchers to easily transfect biologically relevant cell models without electroporation or viruses. Researchers studying these cells have been faced with challenges due to limited options in the market.

To transfect the cells, Lipofectamine MessengerMAX uses novel lipid nanoparticle technology optimised to deliver the highest amount of mRNA possible without entering the nucleus.

"In order to maximise the product's efficiency, we have designed it to protect mRNA against degradation and to deliver the maximum amount of mRNA in the cytoplasm of the cells," said Mr Xavier de Mollerat du Jeu, associate director, cell biology at Thermo Fisher Scientific. He added, "This ensures a strong and sustained protein expression and transfection efficiencies of up to 80 percent in primary cells."

It is for research use only and not intended for diagnostic procedures.

Â