TriLink BIOTECHNOLOGIES

part of Maravai LifeSciences

CleanCap™ mCherry mRNA(5moU)

(5-methoxyuridine)
Catalog # L-7203

mCherry mRNA encodes the fluorescent protein, mCherry, which is derived from DsRed, a protein found in *Discosoma sp.* mCherry is a monomeric fluorophore with a peak absorption at 587 nm and emission at 610 nm. It is stable and resistant to photobleaching.

This mRNA is capped using CleanCap™, TriLink's proprietary co-transcriptional capping method, which results in the naturally occurring Cap 1 structure with high capping efficiency. It is polyadenylated, modified with 5-methoxyuridine and optimized for mammalian systems. It mimics a fully processed mature mRNA.

L-7203-100 (100 µgrams)
L-7203-1000 (1 mg)
L-7203-BK (Bulk amount)

1.0 mg/mL in 1mM Sodium Citrate (pH 6.4)
mRNA Length: 996 nucleotides

Store at or below -40°C

QC Analysis

Identity and Purity
Agarose Gel Mobility; Pass
Concentration: ± 6%; Pass

Product released by Quality Assurance

[1]A standard conversion factor of 40 µg/OD $_{260}$ was used to calculate quantity.

Handling

Store at or below -40°C. Thaw and work with mCherry mRNA on ice. Upon first use, pulse spin before opening and aliquot into single use portions. Do not vortex. Use only certified RNase-free reagents and consumables with proper RNase-free technique. Use of barrier tips is recommended. Avoid freeze/thaw cycles. Do not mix with media containing serum unless first complexed with a stabilizing transfection reagent.