

mRNA-mScarlet3

mRNA-mScarlet3 is a ready-to-use mRNA product encoding the mScarlet3 red fluorescent protein. It is suitable for mRNA delivery research, fluorescence tracing experiments, protein expression studies, and cell transfection assays. mScarlet3 is one of the brightest monomeric red fluorescent proteins currently available, featuring high photostability, rapid folding, and a long fluorescence lifetime. It is ideal for live-cell imaging, flow cytometry (FACS), and high-throughput screening applications.

Name	Cat.No	Scale
mRNA-mScarlet3	HX-mRNA019	1mg

Concentration: 1mg/mL

Storage Buffer: ddH₂O pH=7.0

mRNA length: 980nt

Amino acid sequence size: 286.23 kDa

Handling and Storage: store at – 80°C for long term

Amino acid sequence:

MDSTEAVIKEFMRFKVMHEGSMNGHEFEIEGEGEGRPYEGTQTAKLRVTKGGPLPF
SWDILSPQFMYGSRAFTKHPADIPDYWKQSFPEGFKWERVMNFEDGGAVSVAQD
TSLEDGTLIYKVKLRGTNFPPDGPVMQKKTMGWEASTERLYPEDVVLKGDIKMALRL
KDGGRYLADFKTTYRAKKPVQMPGAFNIDRKLDTSHNEDYTVVEQYERSVARHST
GGSGGS