

mRNA-EGFP

mRNA-eGFP is a ready-to-use mRNA product encoding enhanced green fluorescent protein (eGFP). This mRNA is engineered with an optimized 5' cap structure (Cap 1), untranslated regions (UTRs), and a segmented poly(A) tail to ensure efficient translation and stable expression. It is suitable for in vitro experiments and transfection in mammalian cells.

Name	Cat.No	Scale	State
mRNA-EGFP	HX-mRNA012	1mg	Lyophilized/Liquid

Concentration: 1mg/mL

Storage Buffer: ddH₂O pH=7.0

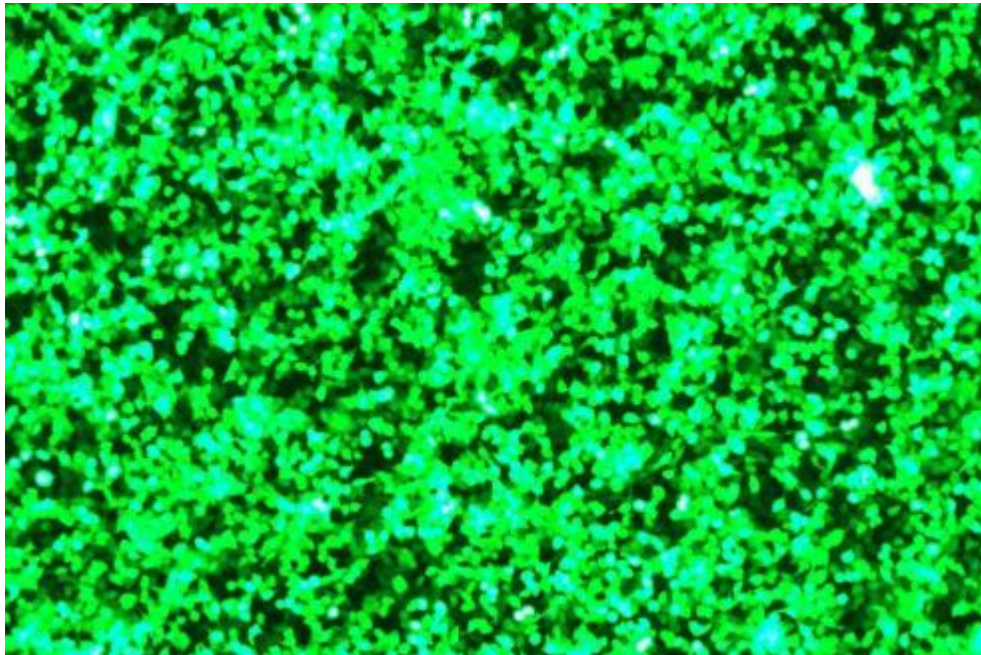
mRNA length: 1017 nt

Amino acid sequence size: 239 kDa

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

Cell Expression result:

Cell Line: 293T Culture Plate: 96-well plate Cell Confluency: 80% Transfection Dose: 200 ng per well



Amino acid sequence:

MVSKGEELFTGVVPILVELDGDVNGHKFSVSGEGEGDATYGKLTCLKFICTTGKLPVPWPTLVTTLT
YGVQCFSRYPDHMKQHDFKSAWPEGYVQERTIFFKDDGNYKTRAEVKFEGDTLVNRIELKGIDF
KEDGNILGHKLEYNYNSHNVYIMADKQKNGIKVNFKIRHNIEDGSVQLADHYQQNTPIGDGPV
LLPDNHYLSTQSALSKDPNEKRDHMLLEFVTAAGITLGMDELYK