

## mRNA-CD3E

mRNA-CD3E is a ready-to-use mRNA product encoding CD3E (CD3 epsilon chain). It is suitable for T cell activation research, immune signaling studies, mRNA delivery research, and cell therapy development. CD3E is a core component of the T cell receptor complex (TCR-CD3 complex) and plays a critical role in T cell development, signal transduction, and immune response.

| Name      | Cat.No     | Scale | State              |
|-----------|------------|-------|--------------------|
| mRNA-CD3E | HX-mRNA027 | 1mg   | Lyophilized/Liquid |

**Concentration:** 1mg/mL

**Storage Buffer:** ddH<sub>2</sub>O pH=7.0

**mRNA length:** 921 nt

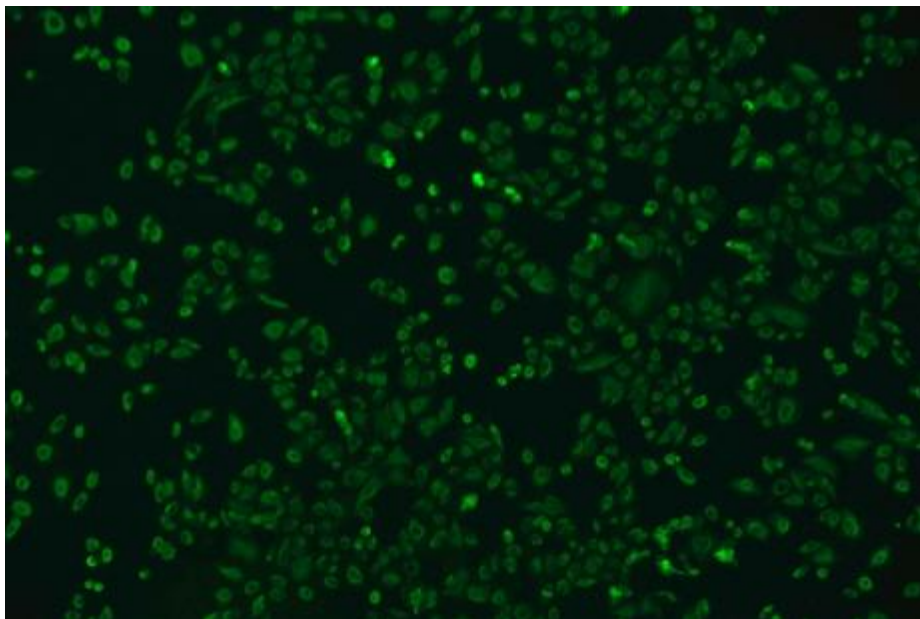
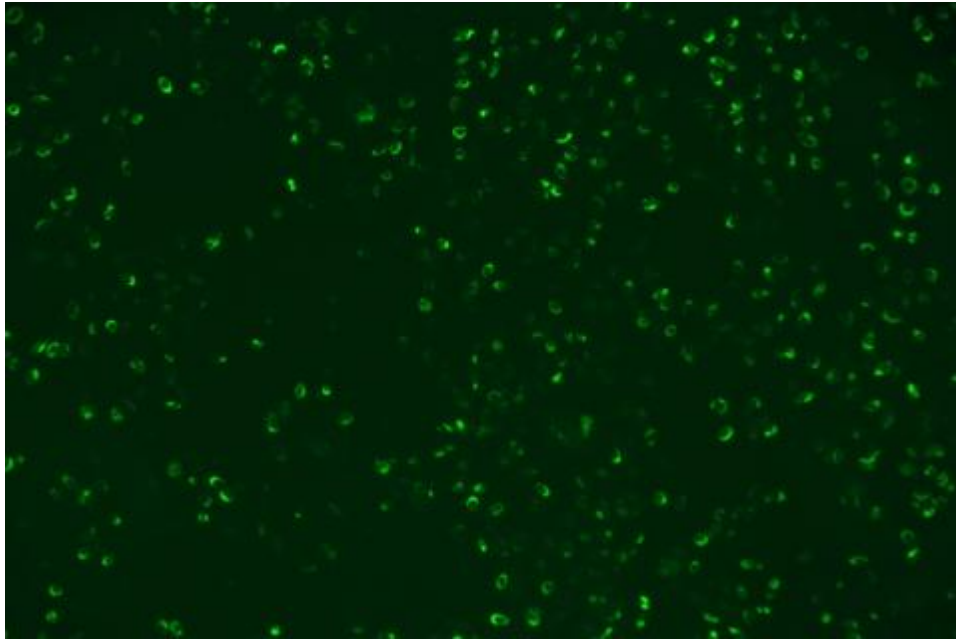
**Amino acid sequence size:** 207 kDa

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

**Cell Expression result:**

Cell Line: A549 Culture Plate: 96-well plate Cell Confluency: 80%

Transfection Dose: 200 ng per well



**Amino acid sequence:**

MQSGTHWRVLGLCLLSVGVWGQDGNEEMGGITQTPYKVSISGTTVILTCPQYPGSEI  
LWQHNDKNIGGDEDDKNIGSDEDHLSLKEFSELEQSGYYVCYPRGSKPEDANFYLYL  
RARVCENCMEMDVMSVATIVIVDICITGGLLLLVIYYWSKNRKAKAKPVTRGAGAGGR  
QRGQNKERPPPVPNPDYEPIRKGQRDLYSGLNQRRRI