

mRNA-CD81

mRNA-CD81 is an in vitro transcribed (IVT) messenger RNA encoding the CD81 protein, a key member of the tetraspanin superfamily that serves as a crucial organizer of membrane microdomains and facilitates diverse cellular processes including cell adhesion, migration, and signal transduction. This synthetic mRNA enables precise modulation of CD81 expression for investigating viral entry mechanisms (particularly hepatitis C virus infection), immune synapse formation in lymphocytes, and tumor microenvironment interactions in cancer biology research.

| Name | Cat.No | Scale | State |
|-----------|------------|-------|--------------------|
| mRNA-CD81 | HX-mRNA092 | 1mg | Lyophilized/Liquid |

Concentration: 1mg/mL

Storage Buffer: ddH₂O pH=7.0

mRNA length: 1008 nt

Amino acid sequence size: 236 kDa

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

Amino acid sequence:

MGVEGCTKCIKYLFFVFNFWLAGGVILGVALWLRHDPQTNNLLYLELGDKPAPNTF
 YVGIYILIAVGAVMMFVGFLGCYGAIQESQCLLGTFFTCVLIFACEVAAGIWGFVNKD
 QIAKDVKQFYDQALQQAVVDDDANNAKAVVKTFFHETLDCCGSSTLTALTTSVLKNNL
 CPSGSNIISNLFKEDCHQKIDDLFSGKLYLIGIAAIVVAVIMIFEMILSMVLCCGIRNSSV
 Y