

## mRNA-CD7

mRNA-CD7 is a ready-to-use mRNA product encoding the CD7 molecule. It is suitable for T cell activation studies, immune signaling regulation research, mRNA delivery investigations, and immunotherapy research.

CD7 is a transmembrane glycoprotein expressed on the surface of T cells and natural killer (NK) cells, belonging to the immunoglobulin superfamily. It plays an important role in T cell activation, immune synapse formation, cell proliferation, and apoptosis.

Name	Cat.No	Scale	State
mRNA-CD7	HX-mRNA030	1mg	Lyophilized/Liquid

**Concentration:** 1mg/mL

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

**mRNA length:** 1023 nt

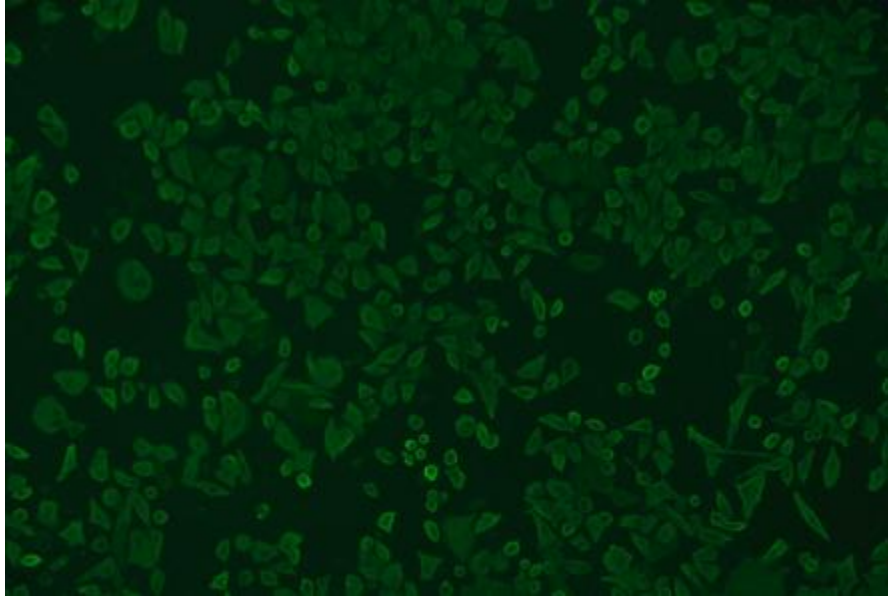
**Amino acid sequence size:** 241 kDa

**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:**

MAGPPRLLLLPLLLALARGLPALAAQEVQQSPHCTTVPVGASVNITCSTSGGLRGIY  
LRQLGPQPQDIYYEDGVVPTTDRRFRGRIDFSGSQDNLTITMHLRLQLSDTGTYTCQ  
AITEVNVYGSGLVVLVTEEQSQGWHRCS DAPPRASALPAPPTGSALPDPQTASALPD  
PPAASALPAALAVISFLLGLGLGVACVLARTQIKKLC SWRDKNSAACVVYEDMSHSR  
CNTLSSPNQYQ\*