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	LS-RMAbt-007	1mg	Lyophilized/Liquid

Concentration: 1mg/mL

Storage Buffer: ddH_2O ph=7.0

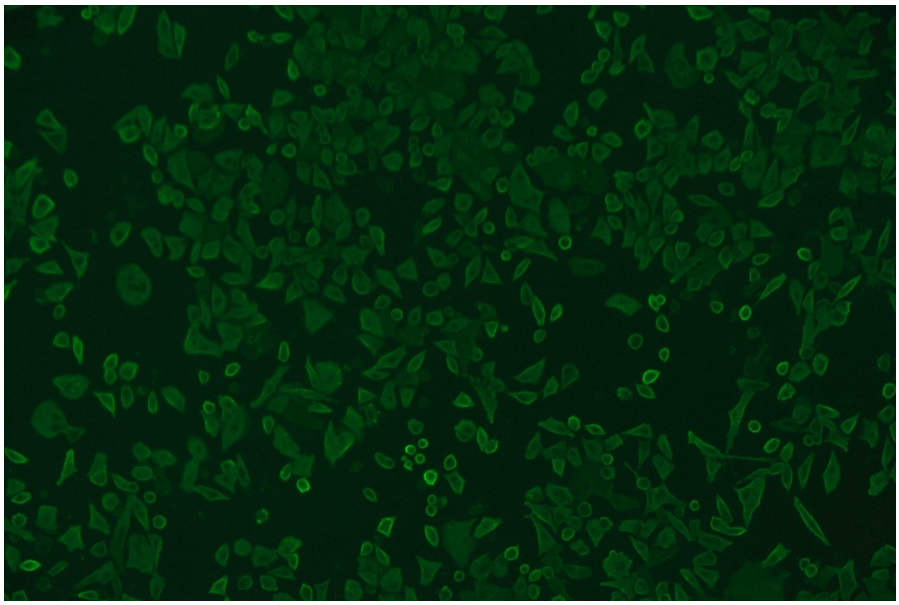
mRNA length: 1023 nt

Amino acid sequence size: 241 da

Handling and Storage: store at – 80℃ 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:

MAGPPRLLLLPLLLALARGLPGALAAQEVQQSPHCTTVPVGASVNITCSTSGGLRGIY
LRQLGPQPQDIIYYEDGVVPTTDRRFRGRIDFSGSQDNLTITMHRLQLSDTGTYTCQ
AITEVNVYGSGTLVLVTEEQSQGWHRCSDAPPRASALPAPPTGSALPDPQTASALPD
PPAASALPAALAVISFLLGLGLGVACVLARTQIKKLCSWRDKNSAACVVYEDMSHSR
CNTLSSPNQYQ*