

mRNA-CD5

mRNA-CD5 is a ready-to-use mRNA product encoding the CD5 molecule. It is suitable for T cell activation studies, immune signaling regulation research, mRNA delivery investigations, as well as autoimmune and tumor immunology research. CD5 is a transmembrane glycoprotein expressed on the surface of T cells and a subset of B cells, playing an important role in T cell development, immune tolerance, negative regulation of signal transduction, and modulation of the tumor microenvironment.

Name	Cat.No	Scale	State
mRNA-CD5	HX-mRNA029	1mg	Lyophilized/Liquid

Concentration: 1mg/mL

Storage Buffer: ddH₂O pH=7.0

mRNA length: 1788 nt

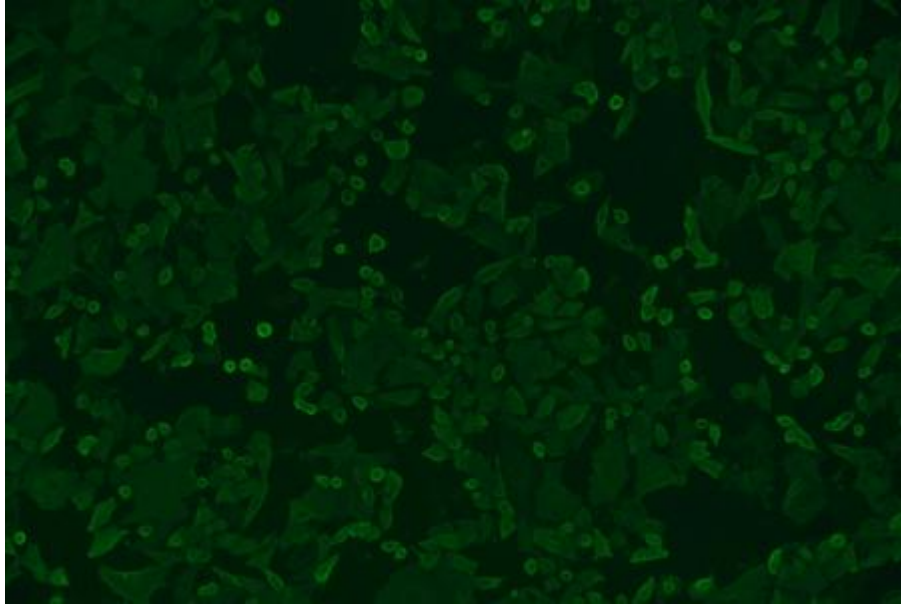
Amino acid sequence size: 496 kDa

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:

MPMGS LQPLATLYLLGMLVASCLGRLSWYDPDFQARLTRSNSK CQGQLEVYLKDGW
HMVCSQSWGRSSKQWEDPSQASKVCQRLNCGVPLSLGPFLV TYTPQSSIICYGQLG
SFSNCSHSRNDMCHSLGLTCLEPQK TTPPTTRPPPTTTPEPTAPPRLQLVAQSGGQH
CAGVVEFYSGSLGGTISYEAQDKTQDLENFLCNNLQCGSFLKHLPETEAGRAQDPG
EPREHQPLPIQWKIQNSSCTSLEHCFRKIKPQKSGRVLALLCSGFQPKVQSRLVGG S
SICEGTVEVRQGAQWAALCDSSSARSSLRWEEVCREQQCGSVNSYRVLDAGDPTS
RGLFCPHQKLSQCHELWERN SYCKKVFVTCQDPNPAGLAAGTVASIILALVLLVLLV
VCGPLAYKKLVKKFRQKKQRQWIGPTGMNQNM SFHRNHTATVRS HAENPTASHVD
NEYSQPPRN SHLSAYPALEGALHRSSMQPDNSSDS DYDLHGAQRL*