

mRNA-CD20

mRNA-CD20 is a ready-to-use mRNA product encoding the CD20 molecule. It is suitable for B cell immunology research, CAR-T and immunotherapy studies, mRNA delivery research, and autoimmune disease research. CD20 (MS4A1) is a B cell-specific transmembrane protein broadly expressed from pre-B cells to mature B cells, but not in plasma cells. It plays a critical role in B cell activation, proliferation, and differentiation, and has been widely targeted in therapies for B cell malignancies such as non-Hodgkin lymphoma and chronic lymphocytic leukemia (CLL), as well as autoimmune diseases including rheumatoid arthritis and systemic lupus erythematosus.

Name	Cat.No	Scale	State
mRNA-CD20	HX-mRNA032	1mg	Lyophilized/Liquid

Concentration: 1mg/mL

Storage Buffer: ddH₂O pH=7.0

mRNA length: 1191 nt

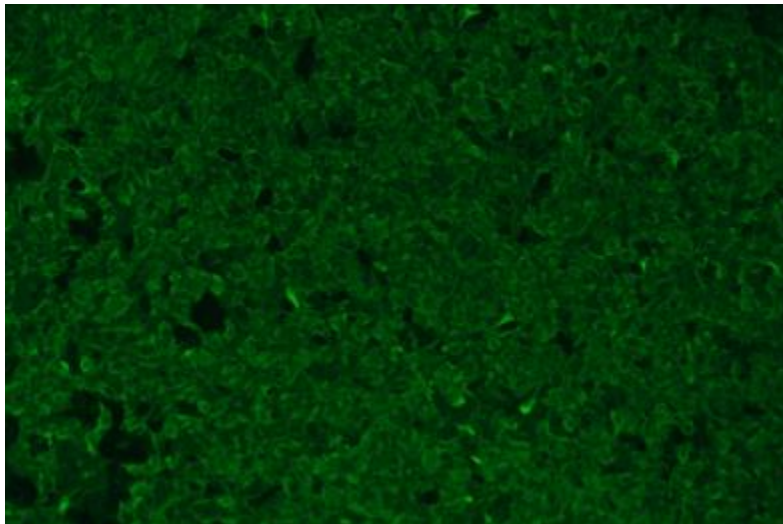
Amino acid sequence size: 297 kDa

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:

MTTPRNSVNGTFPAEPMKGPAMQSGPKPLFRRMSSLVGPTQSFFMRESKTLGAVQI
MNGLFHIALGGLLMIPAGIYAPICVTWYPLWGGIMYIISGSLAATEKNSRKCLVKGK
MIMNSLSLFAAISGMILSIMDILNIKISHFLKMESLNFIRAHTPYINIYNCEPANPSEKNSP
STQYCYSIQSLFLGILSVMLIFAFFQELVIAGIVENEWKRTCSRPKSNIVLLSAEEKKEQT
IEIKKEVVGLTETSSQPKNEEDIEIPIQEEEEETETNFPEPPQDQESSPIENDSSP