mRNA-CD33

mRNA-CD33 is an in vitro transcribed (IVT) messenger RNA encoding the CD33 protein (Siglec-3), a transmembrane receptor expressed on myeloid cells that modulates immune responses through its immunoreceptor tyrosine-based inhibitory motif (ITIM). This synthetic mRNA enables controlled expression of CD33 for research in myeloid cell biology, acute myeloid leukemia (AML) studies, and development of targeted immunotherapies.

Name	Cat.No	Scale	State
mRNA-CD33	HX-mRNA087	1mg	Lyophilized/Liquid

Concentration: 1mg/mL

Storage Bufer: ddH_2O ph=7.0

mRNA length: 1401 nt

Amino acid sequence size: 367 kDa

Handling and Storage: store at – 80℃ for long term

Cell Expression result:

Cell Line: A549 Culture Plate: 96-well plate Cell Conluency: 80%
Transfection Dose: 200 ng per well

Amino acid sequence:

MEAPAQLLFLLLLWLPDTTGDPNFWLQVQESVTVQEGLCVLVPCTFFHPIPYYDKNS
PVHGYWFREGAIISRDSPVATNKLDQEVQEETQGRFRLLGDPSRNNCSLSIVDARRR
DNGSYFFRMERGSTKYSYKSPQLSVHVTDLTHRPKILIPGTLEPGHSKNLTCSVSWAC
EQGTPPIFSWLSAAPTSLGPRTTHSSVLIITPRPQDHGTNLTCQVKFAGAGVTTERTIQ
LNVTYVPQNPTTGIFPGDGSGKQETRAGVVHGAIGGAGVTALLALCLCLIFFIVKTHR
RKAARTAVGRNDTHPTTGSASPKHQKKSKLHGPTETSSCSGAAPTVEMDEELHYAS
LNFHGMNPSKDTSTEYSEVRTQ