

mRNA-CD19

mRNA-CD19 is a ready-to-use mRNA product encoding the CD19 molecule. It is suitable for B cell immunology research, CAR-T cell therapy studies, mRNA delivery research, and tumor immunotherapy. CD19 is a B cell-specific surface antigen broadly expressed from early pre-B cells to mature B cells and plays a critical role in B cell signal transduction, proliferation, and differentiation. Due to its high expression in B cell malignancies such as B cell leukemia and lymphoma, CD19 has become a key target for CAR-T cell immunotherapy.

Name	Cat.No	Scale	State
mRNA-CD19	HX-mRNA031	1mg	Lyophilized/Liquid

Concentration: 1mg/mL

Storage Buffer: ddH₂O pH=7.0

mRNA length: 1968 nt

Amino acid sequence size: 556 kDa

Handling and Storage: store at – 80°C for long term

Amino acid sequence:

MPPPRLLFFLLFLTPMEVRPEEPLVVKVEEGDNAVLQCLKGTSDGPTQQLTWSRESPL
 KPFLKLSLGLPGLGIHMRPLAIWLFIFNVSQQMGGFYLCQPGPPSEKAWQPGWTVN
 VEGSGELFRWNVSDLGGLGCGLNRSSEGPSSPSGKLMSPKLYVWAKDRPEIWEG
 EPPCLPPRDSLNSQLSQDLTMAPGSTLWLSCGVPPDSVSRGPLSWTHVHPKGPKSL
 LSLELKDDRPARDMWVMMETGLLLPRATAQDAGKYCHRGNLMSFHLEITARPVLW
 HWLLRTGGWKVSAVTLAYLIFCLCSLVGILHLQRALVLRKRKRMTDPTRRRFFKVTPP
 PGSGPQNQYGNVLSLPTPTSGLGRAQRWAAGLGGTAPSYGNPSSDVQADGALGSR
 SPPGVGPEEEEGEGYEEDSEEDSEFYENDSNLQDQLSQDGSYENPEDEPLGPE
 DEDSFSNAESYENEDEELTQPVARTMDFLSPHGSAWDPSREATSLGSQSYEDMRGIL
 YAAPQLRSIRGQPGPNHEEDADSYENMDNPDGPDPAWGGGGRMGTWSTR