

## mRNA-CD79A

mRNA-CD79A is an in vitro transcribed (IVT) messenger RNA encoding the CD79A protein (also known as Ig $\alpha$  or MB-1), a fundamental component of the B-cell receptor (BCR) complex that partners with CD79B to mediate B-cell signaling, development and antigen response. This synthetic mRNA platform enables transient, dose-controlled expression of functional CD79A for applications in B-cell biology research, BCR signaling studies, and potential therapeutic development for B-cell malignancies and immune disorders.

Name	Cat.No	Scale	State
mRNA-CD79A	HX-mRNA085	1mg	Lyophilized/Liquid

**Concentration:** 1mg/mL

**Storage Buffer:** ddH<sub>2</sub>O pH=7.0

**mRNA length:** 978 nt

**Amino acid sequence size:** 226 kDa

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

**Amino acid sequence:**

MPGGPGVLQALPATIFLLFLLSAVYLGPGCQALWMHKVPASLMVSLGEDAHFQCPH  
NSSNNANVTWWRVLHGNYTWPPEFLGPGEDPNGTLIIQNVNKSHGGIYVCRVQEG  
NESYQQSCGTYLVRVQPPRPFLDMGEGTKNRIITAEGIILLFCAVVPGTTTTFRKRWQ  
NEKLGLDAGDEYEDENLYEGLNLDDCSMYEDISRGLQGTYQDVGSLNIGDVQLEKP