

### mRNA-CD79 ( $\alpha\beta$ )

mRNA-CD79 ( $\alpha\beta$ ) is an in vitro transcribed (IVT) messenger RNA co-encoding both CD79A (Ig $\alpha$ ) and CD79B (Ig $\beta$ ), the essential heterodimeric components of the B-cell receptor (BCR) complex. This synthetic mRNA enables controlled co-expression of functional CD79 $\alpha\beta$  pairs for research in B-cell development, antigen recognition, and therapeutic targeting of B-cell malignancies.

Name	Cat.No	Scale	State
mRNA-CD79 ( $\alpha\beta$ )	LHX-mRNA119	1mg	Lyophilized/Liquid

**Concentration:** 1mg/mL

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

**mRNA length:** 1722 nt

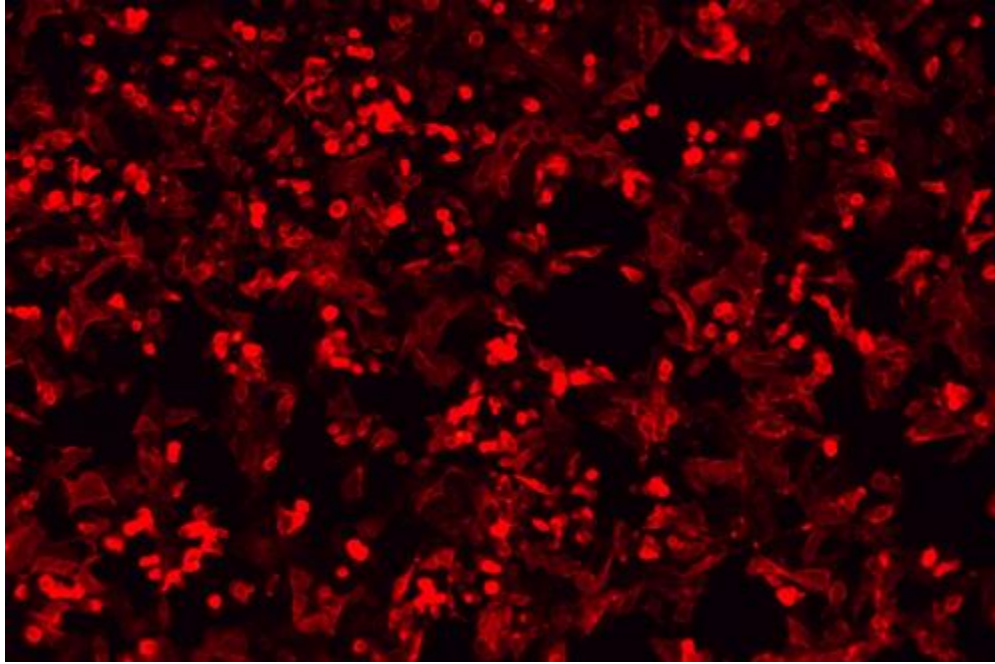
**Amino acid sequence size:** 474 kDa

**Handling and Storage:** store at – 80°C 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:**

MPGGPGVLQALPATIFLLFLLSAVYLGPGCQALWMHKVPASLMVSLGEDAHFQCPH  
NSSNNANVTWWRVLHGNYTWPPEFLGPGEDPNGTLIIQNVNKS HGGIYVCRVQEG  
NESYQQSCGTYLRVRQPPRPFLDMGEGTKNRIITAEGIILLFCAVVPGTLLLFRKRWQ  
NEKLGLDAGDEYEDENLYEGLNLDDCSMYEDISRGLQGTYQDVGSLNIGDVQLEKP  
ATNFSLLKQAGDVEENPGPMARLALSPVPSHWMVALLLLSAEPVPAARSEDYRNP  
KGSACSRIWQSPRFIARKRGFTVKMH CYMNSASGNVSWLWKQEMDENPQQLKE  
KGRMEESQNESLATLTIQGIRFEDNGIYFCQQKCNNTSEVYQGC TELRVMGFSTLA  
QLKQRNTLKDGIIMIQTLLIILFIIVPIFLLLDKDDSKAGMEEDHTYEGLDIDQTATYEDI  
VTLRTGEVKWSVGEHPGQE