

CD19 car mRNA-LNP

Cat. No.:	HY-153233
Target:	CD19; Liposome
Pathway:	Immunology/Inflammation; Metabolic Enzyme/Protease
Storage:	-80°C

CD19 car mRNA-LNP

BIOLOGICAL ACTIVITY

Description

CD19 car mRNA-LNP is a lipid nanoparticle (LNP) containing CD19 car mRNA, suitable for detection of RNA delivery, translation efficiency, cell viability, etc. CD19 car mRNA can be used in chimeric antigen receptor T cell immunotherapy (CAR-CD19). The CD19 car is a chimeric antigen receptor. Among them, CD19 is a CD molecule expressed by B cells (i.e. leukocyte differentiation antigen), an important membrane antigen involved in B cell proliferation, differentiation, activation and antibody production, and can also promote BCR signal transduction^{[1][2]}.

REFERENCES

[1]. Xu Y, et al. Closely related T-memory stem cells correlate with in vivo expansion of CAR-CD19-T cells and are preserved by IL-7 and IL-15. *Blood*. 2014 Jun 12;123(24):3750-9.

[2]. Li X, et al. CD19, from bench to bedside. *Immunol Lett*. 2017 Mar;183:86-95.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA