mRNA-CD276

mRNA-CD276 is an in vitro transcribed (IVT) messenger RNA encoding the CD276 protein (also known as B7-H3), an immune checkpoint molecule belonging to the B7 family that modulates T cell responses through co-stimulatory and co-inhibitory signals. This synthetic mRNA enables controlled expression of CD276 for research in tumor immunology, immune evasion mechanisms, and development of targeted cancer immunotherapies, particularly in studies of its dual roles in both promoting and suppressing anti-tumor immunity across various solid tumors.

Name	Cat.No	Scale	State
mRNA-CD276	HX-mRNA099	1mg	Lyophilized/Liquid

Concentration: 1mg/mL

Storage Bufer: ddH_2O ph=7.0

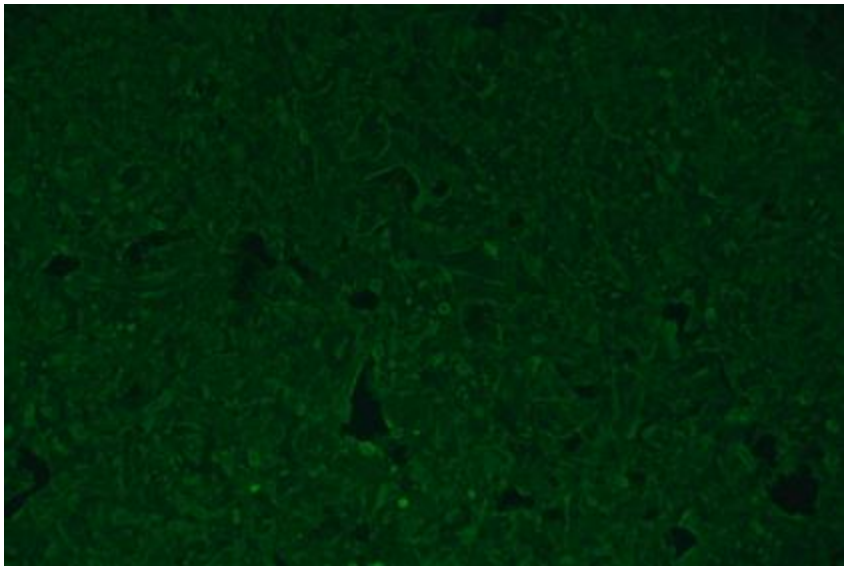
mRNA length: 1227 nt

Amino acid sequence size: 309 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:

MEAPAQLLFLLLLWLPDTTGLEVQVPEDPVVALVGTDATLRCSFSPEPGFSLAQLNLI
WQLTDTKQLVHSFTEGRDQGSAYANRTALFPDLLAQGNASLRLQRVRVADEGSFTC
FVSIRDFGSAAVSLQVAAPYSKPSMTLEPNKDLRPGDTVTITCSSYRGYPEAEVFWQ
DGQGVPLTGNVTTSQMANEQGLFDVHSVLRVVLGANGTYSCLVRNPVLQQDAHGS
VTITGQPMTFPPEALWVTVGLSVCLIALLVALAFVCWRKIKQSCEEENAGAEDQDGE
GEGSKTALQPLKHSDSKEDDGQEIA*