

mRNA-SDC1 (CD138)

mRNA-SDC1 (CD138) is an in vitro transcribed (IVT) messenger RNA encoding the Syndecan-1 (SDC1/CD138) protein, a heparan sulfate proteoglycan that functions as a co-receptor for extracellular matrix components and growth factors. This synthetic mRNA enables controlled expression of SDC1 for research in plasma cell biology, multiple myeloma pathogenesis, epithelial-mesenchymal transition studies, and investigation of viral entry mechanisms (particularly as an attachment receptor for herpesviruses and other pathogens).

Name	Cat.No	Scale	State
mRNA-SDC1 (CD138)	HX-mRNA100	1mg	Lyophilized/Liquid

Concentration: 1mg/mL

Storage Buffer: ddH₂O pH=7.0

mRNA length: 1224 nt

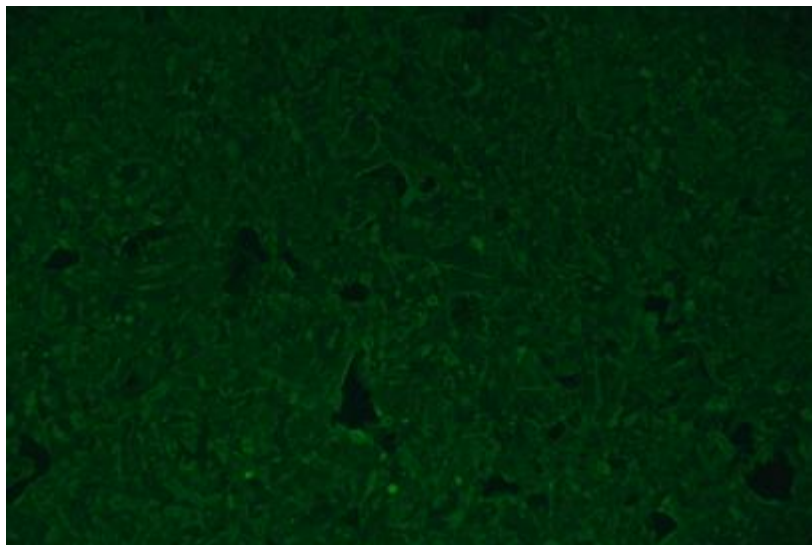
Amino acid sequence size: 308 kDa

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:

MEAPAQLLFLLLLWLPD TTGQIVATNLPPEDQD GSGDDSDNFSGSGAGALQDITLSQ
QTPSTWKDTQLLTA IPTSPEPTGLEATAASTSTLPAGEGPK EGEAVVLPEVEPGLTARE
QEATPRPRETTQLPTTHQASTTTATTAQEPATSHPHRDMQPGHHETSTPAGPSQADL
HTPHTEDGGPSATERAAEDGASSQLPAAEGSGEQDFTFETSGENTAVVAVEPDRRN
QSPVDQGATGASQGLLDRKEVLGGVIAGGLVGLIFAVCLVGFMLYRMKKKDEGSYSL
ECPKQANGGAYQKPTKQEEFYA