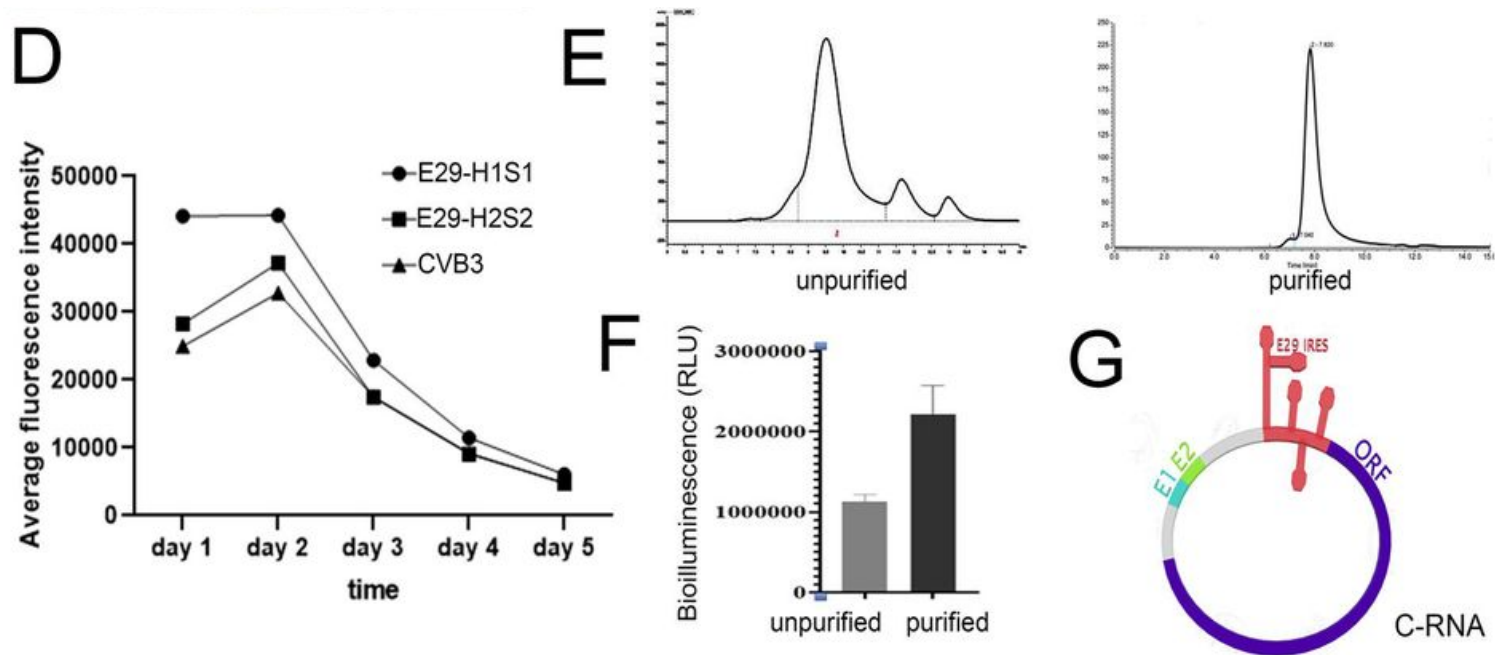


Circular mRNA purification on SRT SEC-1000

Intratumoral Delivered Novel Circular mRNA Encoding Cytokines for Immune Modulation and Cancer Therapy



(D) Quantification of Fig.1C by FACS; (E) Diagram of HPLC shows the elution of circular mRNA before (left) and after (right) HPLC-SEC purifications; (F) Luciferase activities were measured 24 h post transfection of C-RNA with or without HPLC-SEC purifications; (G) Scheme of C-RNA.

PREP LC Column, Sepax, SRT SEC-1000, 5 μ m, 1000 A 30.0 x 300 mm

Part Number: [215950-30030](#)



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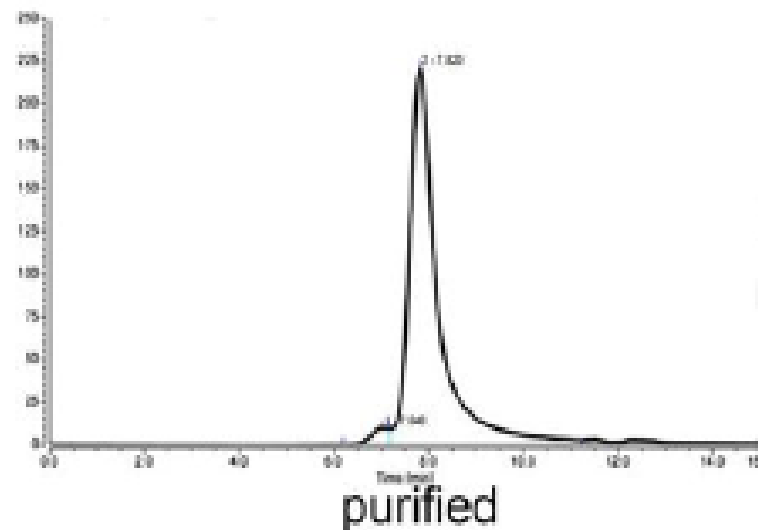
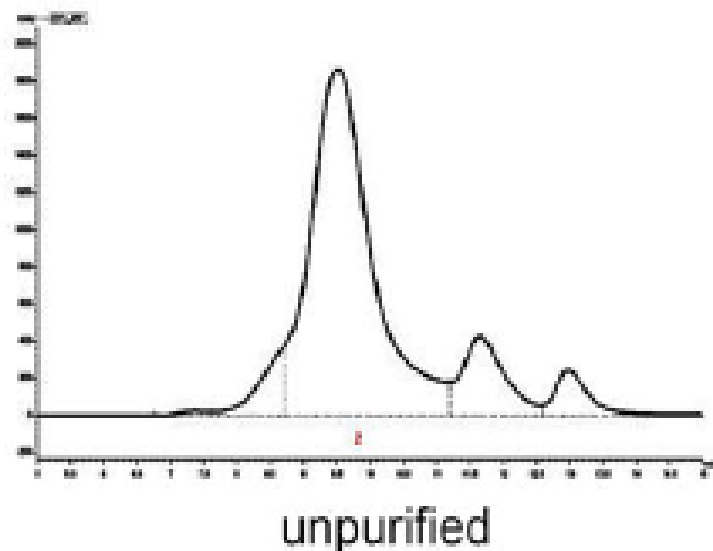
Yang, Jiali, et al. "Intratumoral Delivered Novel Circular mRNA Encoding Cytokines for Immune Modulation and Cancer Therapy." bioRxiv (2021).

<https://doi.org/10.1101/2021.11.01.466725>

Circular mRNA can be purified from Splicing Reactions using HPLC

Intratumoral Delivered Novel Circular mRNA Encoding Cytokines for Immune Modulation and Cancer Therapy

Column: SRT-SEC 1000 (30 x 300 mm, 5 μ m, PN# [215950-30030](#)); **Mobile Phase:** PBS, pH 6 (RNase-Free) **Detection:** UV260 nm
Flow rate: 15 mL/min, 127cm/hr., 4-5 CV/hr **Injection:** conc. Circ.mRNA



Unpurified exhibits LMW/HMW are the inhibitors of immune and protein expression.
Purified peak eliminates LMW shoulder and as well as 2 distinct mRNA impurities.

PREP LC Column, Sepax, SRT SEC-1000, 5 μ m, 1000 A 30.0 x 300 mm

Part Number: [215950-30030](#)



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