

Antitumor Activity of Ribonuclease Multimers Created by Site-Specific Covalent Tethering

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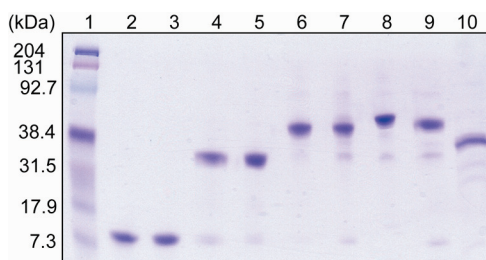


Figure S1. SDS-PAGE (12% w/v acrylamide; Tris-HCl) analysis of ribonuclease monomers and multimeric conjugates (2 μ g each). Lane 1: Pre-stained molecular weight markers. Lane 2: G88R RNase A. Lane 3: G88C RNase A-NEM. Lanes 4: (G88C RNase A)₂-**3**. Lane 5: (G88C RNase A)₂-**4**. Lane 6: (G88C RNase A)₃-**7**. Lane 7: (G88C RNase A)₃-**8**. Lane 8: (G89C RNase 1)₃-**8**. Lane 9: (G88C BS-RNase)₃-**8**. Lane 10: (S72C ONC)₃-**8**. Molecular weights are for myosin (204 kDa), β -galactosidase (131), bovine serum albumin (92.7), carbonic anhydrase (38.4), soybean trypsin inhibitor (31.5), lysozyme (17.9), and aprotinin (7.3). The gel was stained with Coomassie Brilliant Blue R-250.

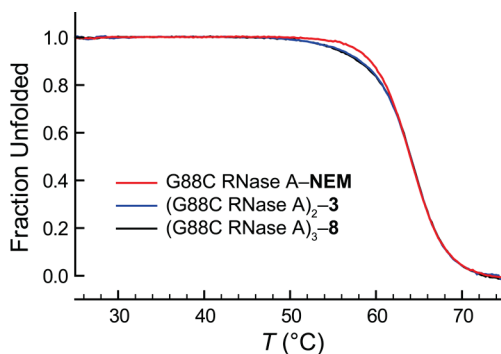


Figure S2. Thermal denaturation curves for G88C RNase A-NEM (red), (G88C RNase A)₂-**3** (blue), and (G88C RNase A)₃-**8** (black).