

T1063o

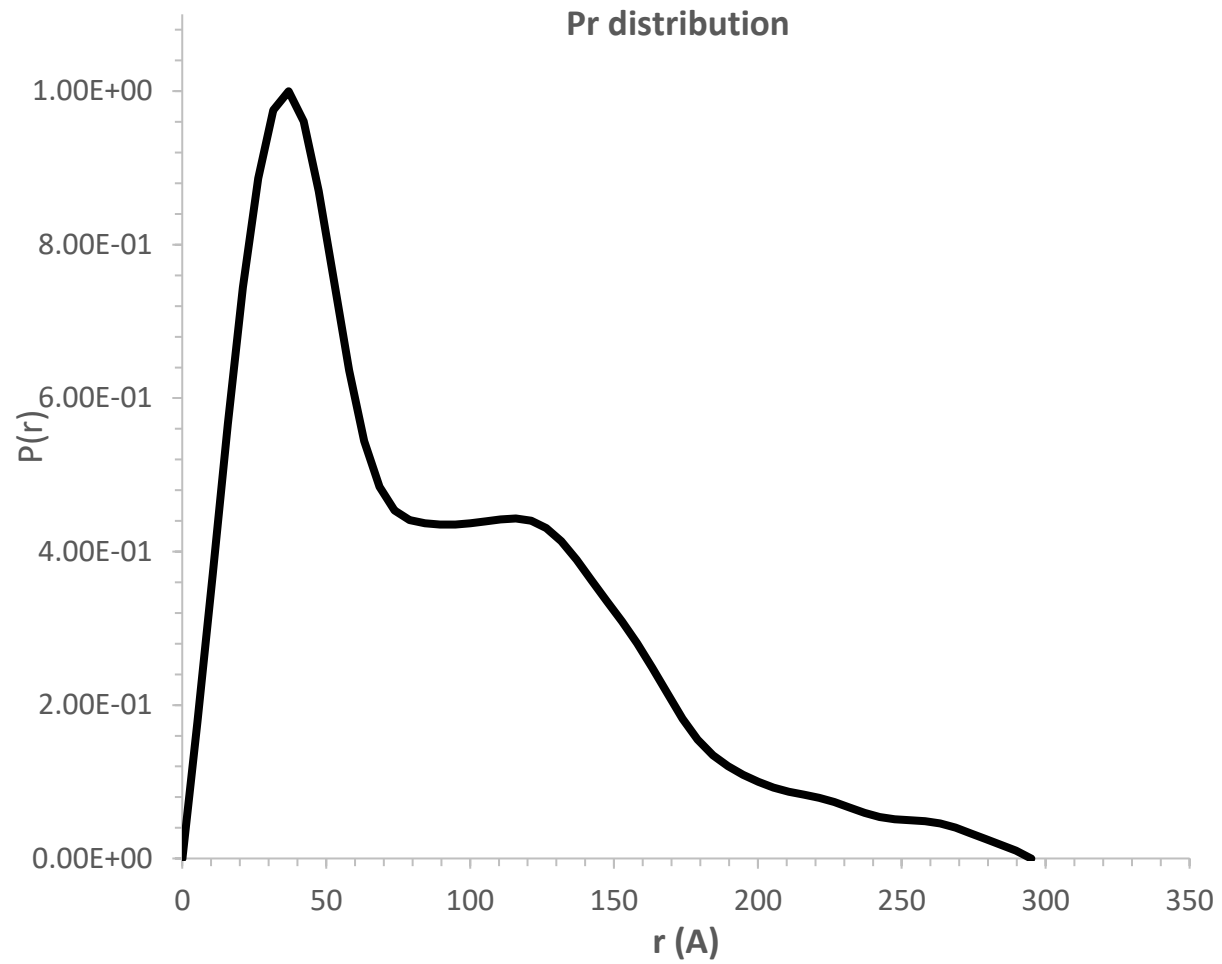
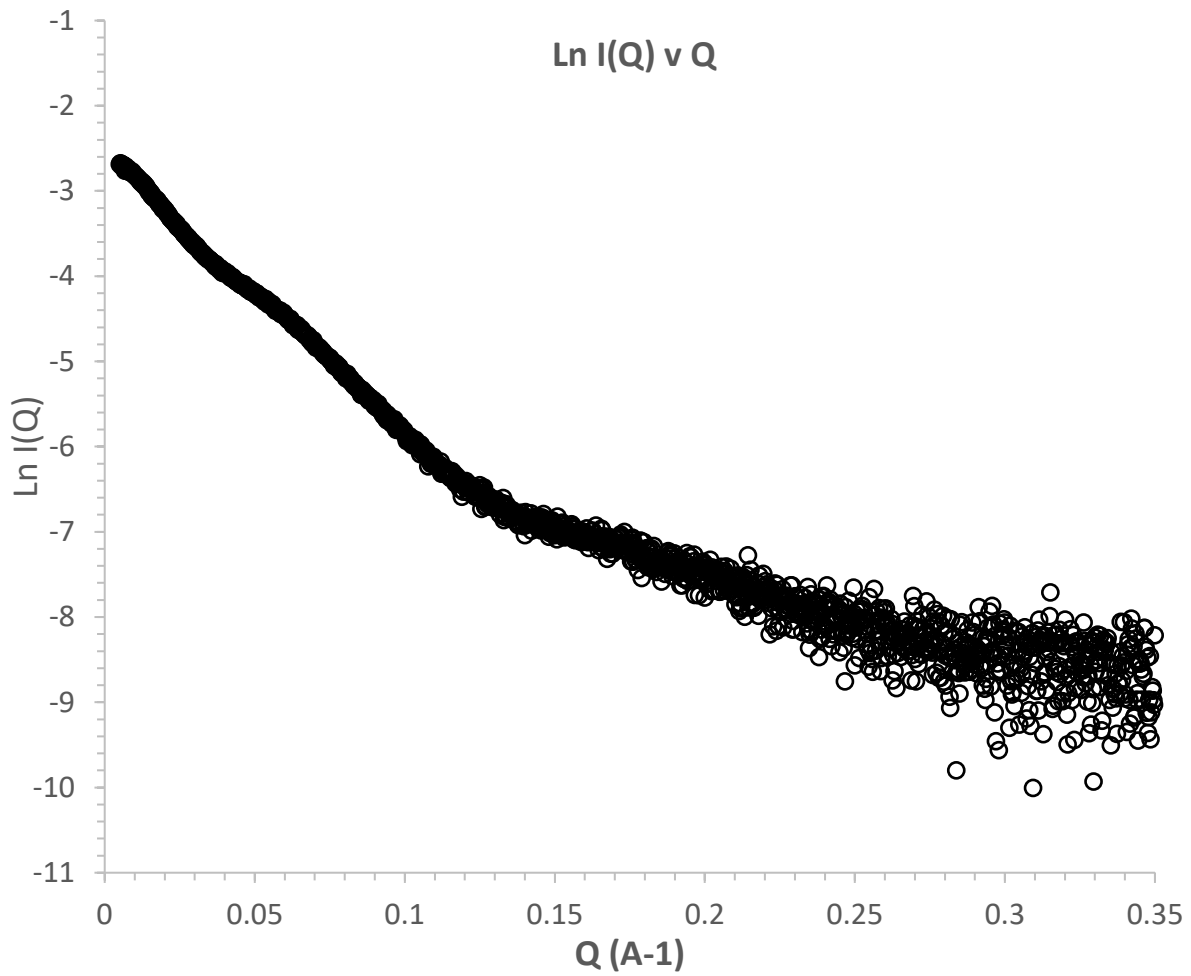
Variable	Value	Error +/-	Units
Rg	74	0.42	Angstroms
Porod exponent	3.3		Scale (2-4)
Mass (Vc)	95		kDa
Maximum dimension	295		Angstroms
Radius of cross-section	8.8		Angstroms
Volume	288904		Cubic angstroms
Real space Rg	75	0.54	Angstroms

GSMSLCEDMLLCNYRKRIKLSGYAWVTACSHIFCDQHGSGEFSRSPAICPACNSTLSGKLD
IVRTELPSEEYKAMVLAGLRPEIVLDISSRALAFWTYQVHQRERLYQEYNFSKAEGHLKQ
MEKIYTQQIQSKDVELTSMKGEVTSMKKVLEEYKKKFSDISEKLMERNRQYQKLQGLYDS
LRLRNITIANHEGTLE

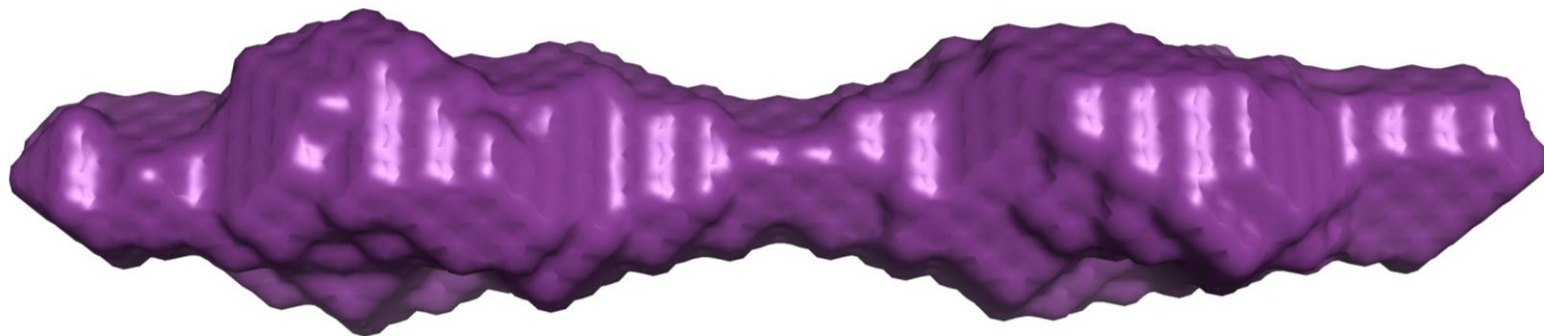
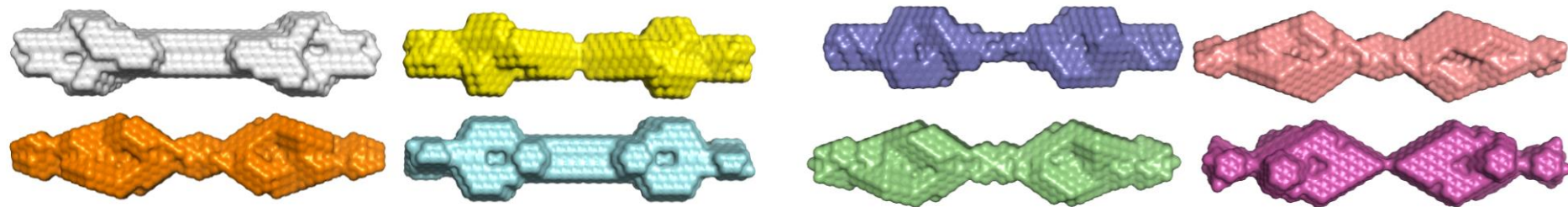
Monomer = 23 kDa

Tetramer = 92 kDa

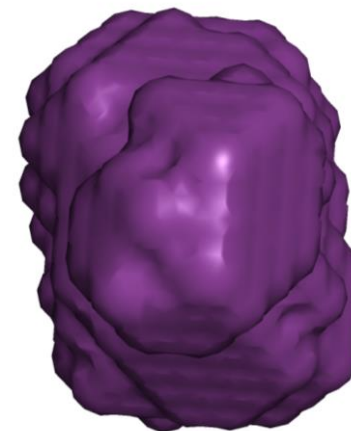
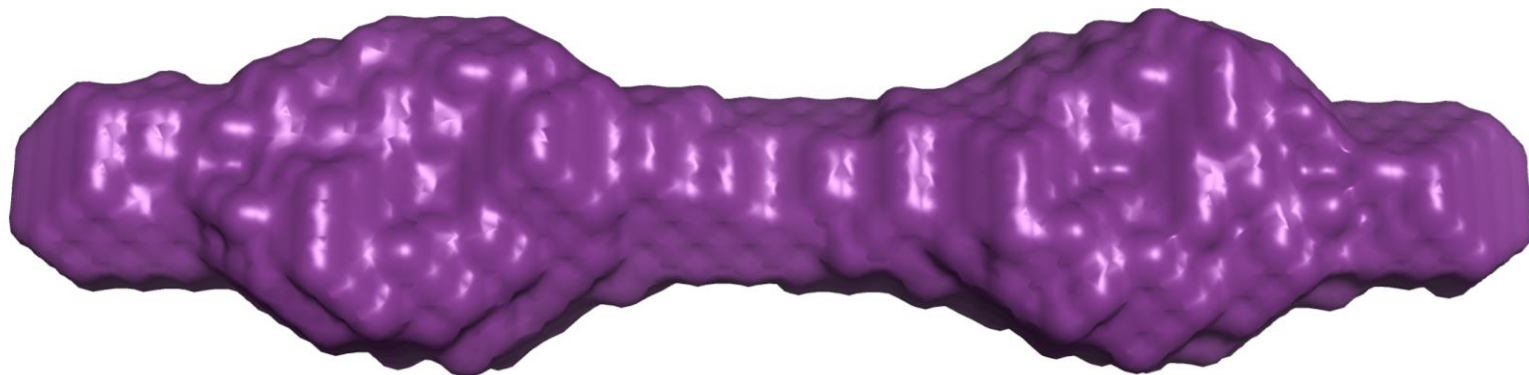
**Tetramer confirmed
by SEC-MALS**



P22 symmetry



NSD = 0.543



Quality parameter			
Multiple concentrations in HT	No		
SEC-SAXS	Yes		
Rg real and reciprocal agree	Yes	74 vs 75	
Dmax easy to define	No	290-340 A	Long tail typical for coiled-coils
Low flexibility	No	3.3	
Mass multiple of monomer	Yes	95 kDa (4x)	Monomer = 23 kDa; Tetramer = 92 kDa
Linear Guinier	Yes	74	

GSMSLCEDMLLCNYRKRIKLSGYAWVTACSHIFCDQHGSGEFSRSPAICPACNSTLSGKLD
 IVRTELSPSEYKAMVLAGLRPEIVLDISSRALAFWTYQVHQRERLYQEYNFSKAEGHLKQ
 MEKIYTQQIQSKDVELTSMKGEVTSMKKVLEEYKKKFSDISEKLMERNRQYQKLQGLYDS
 LRLRNITIANHEGTLE

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