

Table 1. Protein compositions of the T4 prohead and mature head (modified from Black et al. [13]).

Gene	Prohead		Head		Location
	mass (kDa)	copy number	mass (kDa)	copy number	
23	56.0	960	48.7	960	shell, major capsid protein
20	61.0	12	61.0	12	shell, portal vertex
24	48.4	55	46.0	55	shell, fivefold vertices
<i>soc</i>	–	0	9.7	840	shell, outer surface
<i>hoc</i>	–	0	39.1	160	shell, outer surface
22	29.8	576	2.5	115	internal (scaffold)
21	23.2	72	18.5	3	internal (scaffold)
IPIII	21.7	370	20.4	370	internal (scaffold)
IPI	10.0	360	8.5	360	internal (scaffold)
IPII	11.1	360	9.9	360	internal (scaffold)
<i>alt</i>	76.8	40	75.9	40	internal (portal vertex)
68	17.0	240	–	0	internal
67	9.1	341	3.9	134	internal

Copy numbers of the shell proteins are derived from the EM studies [17, 20, 25]. Copy numbers of the internal proteins are based on the SDS-PAGE analysis of Onorato et al. [95] and Isobe et al. [96].

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