

Table 2. Protein half-lives in *E. coli*

Protein	Half-life	References
Bulk protein during growth:		
~ 40% of total	> 70 h	110, 134, 135
~ 35% of total	25–70 h	
~ 10% of total	5–25 h	
~ 5% of total	2–5 h	
Bulk protein during starvation:		
~ 50% of total	1–5 h	50, 136
Abnormal proteins	20–60 min	49, 100, 134
Mutant proteins	5–60 min	53, 137
Unstable <i>E. coli</i> proteins:		
Sul A; Rcs A; sigma 32	1–2 min	32, 109, 161, 168
Tn903 transposase		
Unstable lambda proteins:		
N protein; CII; CIII;	1–2 min	7, 57, 81
O protein		
Conditionally unstable proteins:		
λ CI; LexA; Ada	2–10 min	87, 92, 142