

Table 2. *Number of selected protein molecules in yeast cells*

Yeast protein	Molecules/cell
<i>Transcriptional components</i>	
SRBs/RNA polymerase II holoenzyme	2–4,000 ^a
RNA polymerase II	10–20,000 ^a
TFIIF	30–50,000
TFIIB	30–50,000
TBP	30–50,000
TFIIA	30–50,000
TAF _I s	200–400 ^b
TAF _{II} s	3–6,000 ^{c,d}
TAF _{III} s	8–10,000 ^e
SAGA	3–6,000
Mot1	3–6,000
NC2	3–6,000
Nots	3–6,000
<i>Nontranscriptional components</i>	
Ribosomes	1,500,000 ^f
Tubulin	150,000 ^g
ORC	600 ^h

Whole cell extract was prepared from haploid, S288C wild-type yeast grown to mid-log phase in YPD at 30°C. Serial dilutions of extract were compared to known amounts of recombinant standards by Western blot analysis.

^a Koleske and Young (1994).

^b Keys et al. (1994).

^c Moqtaderi et al. (1996a).

^d Walker et al. (1996).

^e I. Sethy, A Lopez-de-Leon, R. Moir, and I. Willis (pers. comm.).

^f Nomura et al. (1974).

^g Davis et al. (1993).

^h Rowley et al. (1995).