

**Chemistry 5.08** (Spring 2016)

Recitation #4

“Affinity purification of in vivo-assembled ribosomes for in vitro biochemical analysis”

Youngman, E. M.; Green, R. *Methods* **2005**, 36, 305-312.

**Discussion Questions**

1. What are the advantages to using an affinity tag for ribosome (or protein) purification?
2. What are the possible disadvantages to using an affinity tag for ribosome (or protein) purification?
3. What do you need to think about when selecting an affinity tag to use and deciding where to place the tag on your biomolecule?
4. When preparing a mutant ribosome or enzyme, why is having low-level contamination from the wild-type, endogenous ribosome/enzyme a problem?
5. What do you find most interesting about the approach used by Youngman and Green?

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5.08J Biological Chemistry II  
Spring 2016

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