

VISUAL PROTOCOL

Capturem His-Tagged Purification Miniprep Kit

This protocol provides simple, rapid purification of his-tagged proteins in up to 800 μ l of clarified lysate from mammalian or bacterial cell samples using the [Capturem His-Tagged Purification Miniprep Kit](#) (Cat. No. 635710). The columns are suitable for use under native or denaturing conditions, in the presence of additives such as DTT (up to 10 mM), β ME (up to 30 mM), TCEP (up to 5 mM), EDTA (up to 10 mM), or glycerol.



Equilibrate

400 μ l

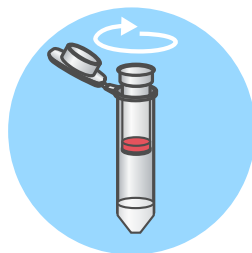
- Add 400 μ l xTractor Buffer
- Spin for 1 min
- Discard flowthrough



Bind

up to 800 μ l of cleared lysate

- Load 200–800 μ l cleared lysate
- Spin for 1 min
- Transfer column to new collection tube and save flowthrough



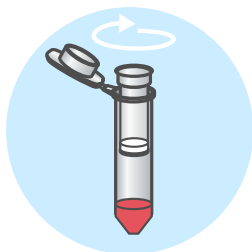
Wash

300 μ l

- Add 300 μ l Wash Buffer*
- Spin for 1 min
- Transfer column to new collection tube and save flowthrough

*Optimize washing conditions by adding 5–30 μ l

Elution Buffer to change the imidazole concentration.



Elute

100–300 μ l

- Add 100–300 μ l Elution Buffer
- Spin for 1 min
- Collection tube contains your eluted tagged protein

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http://www.clontech.com/US/Products/Protein_Expression_and_Purification/Protein_Learning_Center/Learning_Resources/His-Tagged_Miniprep_Visual_Protocol

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