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Cas9 Protein Purification Protocol V.1

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Protocol status: Working

We use this protocol and it's working

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Abstract

This protocol outlines the steps for purifying Cas9 protein, essential for the preparation of RNP complexes used in CRISPR-Cas9 editing processes.



Expression of Cas9 protein in a suitable host system

- 1 Express the Cas9 protein in a host system that supports optimal protein yield and stability.

Lysis and purification of Cas9 protein

- 2 Lyse the host cells and purify the Cas9 protein using standard biochemical techniques to ensure high purity and activity.

Quality assessment of purified protein

- 3 Assess the quality of the purified Cas9 protein using appropriate assays to verify its activity and suitability for further applications.