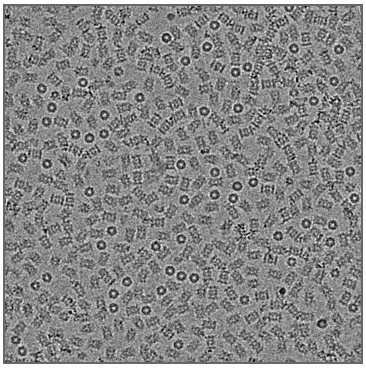

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MANUSCRIPT CITATION:
https://www.biorxiv.org/content/10.1101/2024.01.27.577538v1

Protocol status: Working
We use this collection and it's working

Adolf & Du et al., 2024

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ASAP Collaborative Research Network

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ABSTRACT

These protocols details methods for cloning, expression, purification and structural determination by transmission electron cryo-microscopy of 20S CPs and assembly intermediates.

GUIDELINES

Please familiarise yourself with the laboratory safety rules and guidelines and follow these while performing the experiment. Please wear appropriate PE while performing the experiment.

SAFETY WARNINGS

Please refer to the Safety Data Sheets (SDS) for health and environmental hazards. Liquid nitrogen (LN2) and other cryogens can cause severe damage to the skin and eyes. Always wear personal protective equipment when handling these cryogens.

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Keywords: ASAPCRN, proteasome, core particle, 20S proteasome, chaperone, molecular machine, multiprotein complex, POMP, PAC1, PAC2, PAC3, PAC4, propeptide, protease

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FILES

SEARCH

Protocol

NAME

Cloning, Protein Expression, and Purification of 20S CPs and Assembly Intermediates

VERSION 1

CREATED BY

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OPEN →

Protocol

NAME

Structural Analysis of 20S CPs and Assembly Intermediates by Electron Cryo-Microscopy

VERSION 1

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