ATP-dependent release of CDT1 from the OCCM complex in budding yeast

Kusic-Tisma, J., Orlic-Milacic, M.
Introduction

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Literature references


Reactome database release: 82

This document contains 1 reaction (see Table of Contents)

https://reactome.org
ATP-dependent release of CDT1 from the OCCM complex in budding yeast

Stable identifier: R-SCE-9749381

Type: transition

Compartments: nucleoplasm

In the budding yeast, once the initial complex of ORC(1-6), CDC6, CDT1 and MCM2-7 (OCCM) is formed, CDT1 is released from DNA in an ATP-dependent manner. The ATPase activity of CDC6 is necessary for CDT1 release, but ATPase activities of other ATPases in the complex (e.g. ORC1) may contribute to CDT1 release. ORC6 is necessary for the retention of MCM2-7 after ATP hydrolysis (Fernández-Cid et al. 2013).

Literature references


Editions

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