

GINS3 Blocking Peptide (C-term)

Synthetic peptide

Catalog # BP20401b

Specification

GINS3 Blocking Peptide (C-term) - Product InformationPrimary Accession [Q9BRX5](#)**GINS3 Blocking Peptide (C-term) - Additional Information**

Gene ID 64785

Other Names

DNA replication complex GINS protein PSF3, GINS complex subunit 3, GINS3, PSF3

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

GINS3 Blocking Peptide (C-term) - Protein InformationName GINS3 ([HGNC:25851](#))

Synonyms PSF3

Function

Required for correct functioning of the GINS complex, a complex that plays an essential role in the initiation of DNA replication, and progression of DNA replication forks (PubMed:17417653, PubMed:28414293). GINS complex is a core component of CDC45-MCM-GINS (CMG) helicase, the molecular machine that unwinds template DNA during replication, and around which the replisome is built (PubMed:32453425, PubMed:34694004, PubMed:34700328, PubMed:35585232).

Cellular Location

Nucleus. Chromosome. Note=Associates with chromatin

GINS3 Blocking Peptide (C-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

GINS3 Blocking Peptide (C-term) - Images

GINS3 Blocking Peptide (C-term) - Background

The GINS complex plays an essential role in the initiation of DNA replication, and progression of DNA replication forks. GINS complex seems to bind preferentially to single-stranded DNA.