

Datasheet for ABIN7551078

GINS1 Protein (AA 1-196) (His tag)



[Go to Product page](#)

Overview

| | |
|-------------------------------|--|
| Quantity: | 1 mg |
| Target: | GINS1 |
| Protein Characteristics: | AA 1-196 |
| Origin: | Human |
| Source: | HEK-293 Cells |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This GINS1 protein is labelled with His tag. |
| Application: | Western Blotting (WB), SDS-PAGE (SDS) |

Product Details

| | |
|------------------|--|
| Purpose: | Custom-made recombinat GINS1 Protein expressed in mammalien cells. |
| Sequence: | <p>MFCEKAMELI RELHRAPEGQ LPAFNEDGLR QVLEEMKALY EQNQSDVNEA KSGGRSDLIP</p> <p>TIKFRHCSSL RNRRCTVAYL YDRLLRIRAL RWEYGSVLPN ALRFHMAAEE MEWFNNYKRS</p> <p>LATYMRLGG DEGLDITQDM KPPKSLYIEV RCLKDYGEFE VDDGTSVLLK KNSQHFLPRW</p> <p>KCEQLIRQGV LEHILS Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.</p> |
| Characteristics: | <p>Key Benefits:</p> <ul style="list-style-type: none"> • Made to order protein - from design to production - by highly experienced protein experts. • Protein expressed in mammalien cells and purified in one-step affinity chromatography • The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins. |

Product Details

- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity: > 90 % as determined by Bis-Tris Page, Western Blot

Grade: custom-made

Target Details

Target: GINS1

Alternative Name: GINS1 ([GINS1 Products](#))

Background: DNA replication complex GINS protein PSF1 (GINS complex subunit 1),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). {ECO:0000269|PubMed:17417653, ECO:0000269|PubMed:28414293, ECO:0000269|PubMed:32453425, ECO:0000269|PubMed:34694004, ECO:0000269|PubMed:34700328, ECO:0000269|PubMed:35585232}.

Molecular Weight: 23.0 kDa

UniProt: [Q14691](#)

Pathways: [DNA Replication, Synthesis of DNA](#)

Application Details

Application Notes: In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a

Application Details

| | |
|---------------|-----------------------|
| | guarantee though. |
| Restrictions: | For Research Use only |

Handling

| | |
|------------------|--|
| Format: | Liquid |
| Buffer: | The buffer composition is at the discretion of the manufacturer. |
| Handling Advice: | Avoid repeated freeze-thaw cycles. |
| Storage: | -80 °C |
| Storage Comment: | Store at -80°C. |
| Expiry Date: | 12 months |