

Recombinant Human GINS2 protein ab182799

Description

Product name	Recombinant Human GINS2 protein
Purity	> 90 % SDS-PAGE. ab182799 is expressed in E.coli as inclusion bodies. The final product was refolded and chromatographically purified.
Expression system	Escherichia coli
Accession	<u>Q9Y248</u>
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	MASMTGGQQMGRGEFGSMDAAEVEFLAEKELVTIIPNFS LDKYLIGDDL GPFNPGLPVEVPLWLAINLKQRQKCRLLPPEWMDVEKLE KMRDHERKEET FTPMPSPYMELTKLLLNHASDNIPKADEIRTLVKDMWDT RIAKLRVSAD SFVRQQEAHAKLDNLTLMINTSGTFLTQALNHMYKLRTNL QPLESTQSQ DF
Predicted molecular weight	23 kDa including tags
Amino acids	1 to 185
Tags	T7 tag N-Terminus
Additional sequence information	Mature protein; 17 aa N-terminal T7 tag. NP_057179.

Specifications

Our **Abpromise guarantee** covers the use of **ab182799** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	SDS-PAGE
Form	Liquid
Additional notes	This product was previously labelled as PSF2

Preparation and Storage

Stability and Storage

Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -80°C. Avoid freeze / thaw cycle.

pH: 8.00

Constituent: 0.32% Tris HCl

Buffer also contains NaCl, KCl, EDTA, arginine, DTT and Glycerol.

General Info

Function

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.

Sequence similarities

Belongs to the GINS2/PSF2 family.

Post-translational modifications

Phosphorylated upon DNA damage, probably by ATM or ATR.

Cellular localization

Nucleus.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors