

## Recombinant Human GINS1 Protein, GST-tagged

**Cat. No.** GINS1-4908H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                              |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Human GINS1 full-length ORF ( AAH12542.1, 1 a.a. - 196 a.a.) recombinant protein with GST-tag at N-terminal.                                                                                                                                                                                                                 |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                        |
| <b>Source</b>           | Wheat Germ                                                                                                                                                                                                                                                                                                                   |
| <b>Description</b>      | The yeast heterotetrameric GINS complex is made up of Sld5 (GINS4; MIM 610611), Psf1, Psf2 (GINS2; MIM 610609), and Psf3 (GINS3; MIM 610610). The formation of the GINS complex is essential for the initiation of DNA replication in yeast and Xenopus egg extracts (Ueno et al., 2005 [PubMed 16287864]).[supplied by OMIM |
| <b>Molecular Mass</b>   | 47.3 kDa                                                                                                                                                                                                                                                                                                                     |
| <b>AA Sequence</b>      | MFCEKAMELIRELHRAPEGQLPAFNEDGLRQVLEEMKALYEQNQSDVNEAKSGGR<br>SDLIPTIKFRHCSLLRNRRTVAYLYDRLLRIRALRWEYGSILPNALRFHMAAEEMEW<br>FNMYKRSLATYMRSLGGDEGLDITQDMKPPKSLYIEVRCLKDYGEFEVDDGTSVLLK<br>KNSQHFLPRWKCEQLIRQGVLEHILS                                                                                                              |
| <b>Applications</b>     | Enzyme-linked Immunoabsorbent Assay<br>Western Blot (Recombinant protein)<br>Antibody Production<br>Protein Array                                                                                                                                                                                                            |
| <b>Notes</b>            | Best use within three months from the date of receipt of this protein.                                                                                                                                                                                                                                                       |

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**Storage** Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

**Storage Buffer** 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

## GENE INFORMATION

**Gene Name** GINS1 GINS complex subunit 1 (Psf1 homolog) [ Homo sapiens ]

**Official Symbol** GINS1

**Synonyms** GINS1; GINS complex subunit 1 (Psf1 homolog); DNA replication complex GINS protein PSF1; KIAA0186; PSF1; partner of sld five-1; RP4-691N24.2;

**Gene ID** 9837

**mRNA Refseq** NM\_021067

**Protein Refseq** NP\_066545

**MIM** 610608

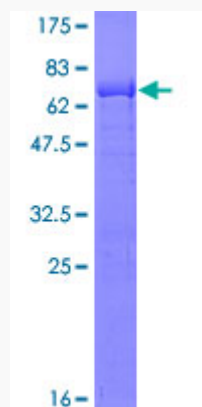
**UniProt ID** Q14691

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**Quality Control  
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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