

# Recombinant Full Length Human GINS1 Protein, GST-tagged

**Cat. No.** GINS1-5263HF    **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>	In Vitro Cell Free System
<b>ProteinLength</b>	196 amino acids
<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 SDLIPTIKFRHCSLLRNRRTVAYLYDRLLRIRALRWEYGSILPNALRFHMAAEEMEW FNNYKRSLATYMRSLGGDEGLDITQDMKPPKSLYIEVRCLKDYGEFEVDDGTSVLLK KNSQHFLPRWKCEQLIRQGVLEHILS
<b>Applications</b>	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array

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<b>Notes</b>	Best use within three months from the date of receipt of this protein.
<b>Storage</b>	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

## GENE INFORMATION

<b>Gene Name</b>	GINS1 GINS complex subunit 1 (Psf1 homolog) [ Homo sapiens ]
<b>Official Symbol</b>	GINS1
<b>Synonyms</b>	GINS1; GINS complex subunit 1 (Psf1 homolog); DNA replication complex GINS protein PSF1; KIAA0186; PSF1; partner of sld five-1; RP4-691N24.2;
<b>Gene ID</b>	9837
<b>mRNA Refseq</b>	NM_021067
<b>Protein Refseq</b>	NP_066545
<b>MIM</b>	610608
<b>UniProt ID</b>	Q14691

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