

## Recombinant Full Length Human GINS2 Protein, GST-tagged

Cat. No. GINS2-5264HF Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Human GINS2 full-length ORF (BAA91595.1, 1 a.a. - 185 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>	185 amino acids
<b>Description</b>	The yeast heterotetrameric GINS complex is made up of Sld5 (GINS4; MIM 610611), Psf1 (GINS1; MIM 610608), Psf2, and Psf3 (GINS3; MIM 610610). The formation of this complex is essential for the initiation of DNA replication in yeast and Xenopus egg extracts (Ueno et al., 2005 [PubMed 16287864]). See GINS1 for additional information about the GINS complex.[supplied by OMIM
<b>Molecular Mass</b>	47.8 kDa
<b>AA Sequence</b>	MDAAEVEFLAEKELVTIIPNFSLDKIYLIGGDLGPFNPGLPVEVPLWLAINLKQRQKCR LLPPEWMDVEKLEKMRDHERKEETFTPMPSPYYMELTKLLLNHASDNIPKADEIRTL VKDMWDTRIAKLRVSADSFVRQQEAHAKLDNLTLMIEINTSGTFLTQALNHMYKLRTN LQPLESTQSQDF
<b>Applications</b>	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production

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**Protein Array**

<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>	GINS2 GINS complex subunit 2 (Psf2 homolog) [ Homo sapiens ]
<b>Official Symbol</b>	GINS2
<b>Synonyms</b>	GINS2; GINS complex subunit 2 (Psf2 homolog); DNA replication complex GINS protein PSF2; Pfs2; PSF2; HSPC037;
<b>Gene ID</b>	51659
<b>mRNA Refseq</b>	NM_016095
<b>Protein Refseq</b>	NP_057179
<b>MIM</b>	610609
<b>UniProt ID</b>	Q9Y248

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