

Recombinant Human GINS2, His-tagged

Cat. No. GINS2-13262H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GINS2 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-185a.a.
Description	This gene is a member of the beta-1,6-N-acetylglucosaminyltransferase gene family. It is essential to the formation of Gal beta 1-3(GlcNAc beta 1-6)GalNAc structures and the core 2 O-glycan branch. The gene coding this enzyme was originally mapped to 9q21, but was later localized to 9q13. Multiple alternatively spliced variants, encoding the same protein, have been identified.
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 300mM Imidazole and 0.7% Sarcosyl, 15%glycerol.

GENE INFORMATION

Gene Name	GINS2 GINS complex subunit 2 (Psf2 homolog) [Homo sapiens]
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 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Official Symbol	GINS2
Synonyms	GINS2; GINS complex subunit 2 (Psf2 homolog); DNA replication complex GINS protein PSF2; Pfs2; PSF2; HSPC037;
Gene ID	51659
mRNA Refseq	NM_016095
Protein Refseq	NP_057179
MIM	610609
UniProt ID	Q9Y248
Chromosome Location	16q24.1
Pathway	Cell Cycle, organism-specific biosystem; Cell Cycle, Mitotic, organism-specific biosystem; DNA Replication, organism-specific biosystem; DNA strand elongation, organism-specific biosystem; GINS complex, organism-specific biosystem; S Phase, organism-specific biosystem; Synthesis of DNA, organism-specific biosystem;
Function	protein binding;

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