

Recombinant Full Length Human GINS4 Protein, GST-tagged

Cat. No. GINS4-5265HF Lot. No. (See product label)

SPECIFICATION

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| Product Overview | Human GINS4 full-length ORF (BAG53029.1, 1 a.a. - 223 a.a.) recombinant protein with GST-tag at N-terminal. |
| Species | Human |
| Source | In Vitro Cell Free System |
| ProteinLength | 223 amino acids |
| Description | The yeast heterotetrameric GINS complex is made up of Sld5, Psf1 (GINS1; MIM 610608), 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]). See GINS1 for additional information about the GINS complex.[supplied by OMIM |
| Molecular Mass | 52.4 kDa |
| AA Sequence | MTEEVDFLGQSDSDGGSEEVVLTPAELIERLEQAWMNEKFAPELLESKPEIVECVME QLEHMEENLRRRAKREDLKVSIHQMEMERIRYVLSSYLRCRLMKIEKFFPHVLEKEKT RPEGEPSSLSPEELAFAREFMANTESYLKNVALKHMPPNLQKVDLFRVAVPKPDLDS YVFLRVRRERQENILVEPDTDEQRDYVIDLEKGSQHLIRYKTIAPLVASGAVQLI |
| Applications | Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production |

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Protein Array

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|-----------------------|--|
| Notes | Best use within three months from the date of receipt of this protein. |
| 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

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|------------------------|--|
| Gene Name | GINS4 GINS complex subunit 4 (Sld5 homolog) [Homo sapiens] |
| Official Symbol | GINS4 |
| Synonyms | SLD5; GINS4; GINS complex subunit 4 (Sld5 homolog) |
| Gene ID | 84296 |
| mRNA Refseq | NM_032336 |
| Protein Refseq | NP_115712 |
| MIM | 610611 |
| UniProt ID | Q9BRT9 |

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