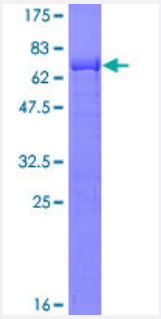
Full-Length

GINS1 (Human) Recombinant Protein (P01)

Catalog # H00009837-P01 Size 25 ug, 10 ug

Applications



Specification

Product Description	Human GINS1 full-length ORF (AAH12542.1, 1 a.a. - 196 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MFCEKAMELIRELHRAPEGQLPAFNEDGLRQVLEEMKALYEQNQSDVNEAKSGGRSDLIPTIKFR HCSLLRNRRCTVAYLYDRLLRIRALRWEYGSILPNALRFHMAAEEMEWFNNYKRSLATYMRSLGG DEGLDITQDMKPPKSLYIEVRCLKDYGEFEVDDGTSVLLKKNSQHFLPRWKCEQLIRQGVLEHILS
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	47.3
Interspecies Antigen Sequence	Mouse (92); Rat (93)
Preparation Method	*in vitro* wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — GINS1

Entrez GeneID	9837
GeneBank Accession#	BC012542
Protein Accession#	AAH12542.1
Gene Name	GINS1
Gene Alias	KIAA0186, PSF1
Gene Description	GINS complex subunit 1 (Psf1 homolog)
Omim ID	610608
Gene Ontology	Hyperlink
Gene Summary	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 ess ential for the initiation of DNA replication in yeast and Xenopus egg extracts (Ueno et al., 2005 [P ubMed 16287864]).[supplied by OMIM
Other Designations	DNA replication complex GINS protein PSF1|OTTHUMP00000030496|partner of sld five-1