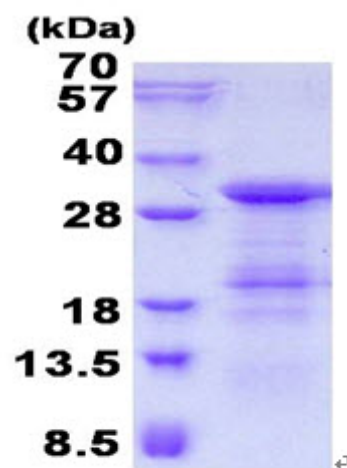


AR50616PU-S

Human GINS4 / SLD5 (1-223, His-tag) - Purified

Alternate names:	DNA replication complex GINS protein SLD5, GINS complex subunit 4
Quantity:	20 µg
Concentration:	0.5 mg/ml (determined by Bradford assay)
Background:	GINS4 plays an essential role in the initiation of DNA replication, and progression of DNA replication forks. GINS4 is important for GINS complex assembly. GINS complex seems to bind preferentially to single-stranded DNA.
Uniprot ID:	Q9BRT9
NCBI:	NP_115712
GeneID:	84296
Species:	Human
Source:	E. coli
Format:	State: Liquid purified protein Purity: >90% by SDS - PAGE Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.2M NaCl, 20% glycerol, 1mM DTT
Description:	Recombinant human GINS4 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques. AA Sequence: MGSSHHHHH SSGLVPRGSH MTEEVDLFGQ DSDGGSEEVV LTPAELIERL EQAWMNEKFA PELLESKPEI VECVMEQLEH MEENLRRRAKR EDLKVSIHQM EMERIRYVLS SYLRCRLMKI EKFFPHVLEK EKTRPEGEPS SLSPEELAFA REFMANTESY LKNVALKHMP PNLQKVDLFR AVPKPDLDYS VFLRVRERQE NILVEPDTE QRDYVIDLEK GSQHLIRYKT IAPLVASGAV QLI Molecular weight: 28.2 kDa (243aa) confirmed by MALDI-TOF(Molecular size on SDS-PAGE will appear higher)
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	Kamada K., et al. (2007) Nat. Struct. Mol. Biol. 14:388-396 Chang Y.P., et al. (2007) Proc. Natl. Acad. Sci. U.S.A. 104:12685-12690

Pictures:



15% SDS-PAGE (3ug)