

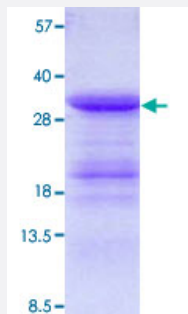
Full-Length

GINS4 (Human) Recombinant Protein

Catalog # P5875

Size 20 ug

Applications



Specification

Product Description

Human GINS4 (NP_115712, 1 a.a. - 223 a.a.) full-length recombinant protein with His tag expressed in *Escherichia coli*.

Sequence

MGSSHHHHHHSSGLVPRGSHMTEEVDVFLGQSDGGSEEVLTPAELIERLEQAWMNEKFAPEL
LESKPEIVECVMEQLEHMEENLRRAKREDLVSIHQMEMERIRYVLSYLRCLMKIEKFFPHVLE
KEKTRPEGEPSSLSPEELAFAREFMANTESYLKNVALKHMPNQLQKVDLFRVAVPKPDLD SYVFL
RVRERQENILVEPDTDEQRDYVIDLEKGSQHLIRYKTIAPLVASGAVQLI

Host

Escherichia coli

Theoretical MW (kDa)

28.2

Form

Liquid

Preparation Method

Escherichia coli expression system

Purity

> 90% by SDS - PAGE

Quality Control Testing

3 ug/lane in 15% SDS-PAGE Stained with Coomassie Blue. Due to the protein nature, dimmers and multimers may be observed.

Storage Buffer

In 20 mM Tris-HCl buffer, 0.2 M NaCl, pH 8.0 (20% glycerol, 1 mM DTT).

Storage Instruction

Store at 2°C to 8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C.
Aliquot to avoid repeated freezing and thawing.

Applications

- SDS-PAGE

Gene Info — GINS4

Entrez GeneID [84296](#)

Gene Name GINS4

Gene Alias MGC14799, SLD5

Gene Description GINS complex subunit 4 (Sld5 homolog)

Omim ID [610611](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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]

Other Designations GINS complex subunit 4|SLD5 homolog