

GINS4 Human

Description:GINS4 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 243 amino acids (1-223 a.a.) and having a molecular mass of 28.2kDa.GINS4 is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Catalog #:PRPS-1277

For research use only.

Synonyms:SLD5, GINS complex subunit 4, DNA replication complex GINS protein SLD5.

Source:Escherichia Coli.

Physical Appearance:Sterile Filtered clear solution.

Amino Acid Sequence:MGSSHHHHHH SSSLVPRGSH MTEEVDFLGQ DSDGGSEEVV
LTPAELIERL EQAWMNEKFA PELLEKPEI VECVMEQLEH MEENLRRRAKR EDLKVSIHQM
EMERIRYVLS SYLRCLMKI EKFFPHVLEK EKTRPEGEPS SLSPEELAFA REFMANTESY
LKNVALKHMP PNLQKVDLFR AVPKPDLDSY VFLRVRERQE NILVEPDTDE QRDYVIDLEK
GSQHLIRYKT IA

Purity:Greater than 90.0% as determined by SDS-PAGE.

Formulation:

GINS4 protein solution (0.5 mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.2M NaCl,20% glycerol and 1mM DTT.

Stability:

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.

Usage:

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. They may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

Introduction:

GINS4, a member of the GINS4/SLD5 family, has a key part in the initiation of DNA replication, and progression of DNA replication forks. GINS4 is significant for GINS complex assembly. GINS complex connects favorably to singlestranded DNA. Recombinant human GINS4 protein, fused to His-tag at N-terminus was purified by using conventional chromatography techniques.

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