
Product Data Sheet

Product Name: GINS4 Human
 Cat. No.: GP23552
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	SLD5; GINS complex subunit 4; DNA replication complex GINS protein SLD5.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MTEEVDLFGQ DSDGGSEEVV LTPAELIERL EQAWMNEKFA PELLEKPEI VECVMEQLEH MEENLRRAKR EDLKVSIHQM EMERIRYVLS SYLRCRLMKI EKFFPHVLEK EKTRPEGEPS SLSPEELAFA REFMANTESY LKNVALKHMP PNLQKVDLFR AVPKPDLDYS VFLRVRERQE NILVEPDTDE QRDYVIDLEK GSQHILIRYKT IAPLVASGAV QLI		
Formulation	GINS4 protein solution (0.5 mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.2M NaCl, 20% glycerol and 1mM DTT.		

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.

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.

Background

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

Caution: Product has not been fully validated for medical applications. For research use only.

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proprietary chromatographic techniques.

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