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GIN54, 1-223aa, Human, His tag, E.coli

产品货号: TP02242

第三版

别名:DNA replication complex GINS protein SLD5, SLD5, GINS complex subunit 4

描述:GIN54 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 singlestranded DNA. Recombinant human GINS4 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

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

分子量:28.2 kDa (243aa) confirmed by MALDI-TOF (Molecular size on SDS-PAGE will appear higher)

序列:

MGSSHHHHHSSGLVPRGSHMTEEVDLFGQSDGGSEEVVLTPAELIERLEQAWMNEKFAPELLESKPEIVECVMEQLE
HMEENLRRAKREDLKVSIHQMEMERIRYVLSSYLRCRLMKIEKFFPHVLEKEKTRPEGEPSSLSPEELAFAREFMANTESYLK
NVALKHMPPNLQKVDLFRVAVPKPDLDSYVFLRVRRERQENILVEPDTDEQRDYVIDLEKGSQHLIRYKTIAPLVASGAVQLI

纯度:> 95% by HPLC

浓度:0.5 mg/ml (determined by Bradford assay)

内毒素:<1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.