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Brief note

Purification of the *Escherichia coli* integration host factor (IHF) in one chromatographic step

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Abstract

The integration host factor (IHF) participates in a diverse array of DNA transactions such as replication, recombination and gene expression. We describe a fast and very efficient isolation procedure which yields highly purified IHF in one Chromatographic step.



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Keywords

DNA-binding protein; protein isolation; IHF

Abbreviations

Ap, ampicillin; buffer A, 25 mM Tris-HCl pH 7.4/1 mM EDTA/3 mM β -mercaptoethanol/50 mM NaCl; IHF, integration host factor; LB, Luria-Bertani medium; PAGE, polyacrylamide gel electrophoresis; SDS, sodium dodecyl sulfate

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