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HSP104 Saccharomyces

Heat Shock Protein 104 Saccharomyces cerevisiae Recombinant
RCP1067

Product Overview

Name	HSP104 Saccharomyces

Description

Heat Shock Protein 104 Saccharomyces cerevisiae Recombinant

Accession (Primary)	P31539

Synonyms

Heat shock protein 104, Protein aggregation-remodeling factor HSP104, HSP104, YLL026W, L0948.

Introduction

HSP104 is a molecular chaperone required for stress tolerance and for maintenance of [psi(+)] prions in the budding yeast Saccharomyces cerevisiae. Hsp104 can protect yeast cells against high temperature and high concentration of ethanol but mutation studies have shown this protein is not required for normal growth. Hsp104 was cloned into an E. coli expression vector and was purified to apparent homogeneity by using conventional column chromatography techniques.

Source

Saccharomyces cerevisiae.

Physical Appearance

Sterile filtered colorless solution.

Formulation

The HSP-104 protein solution contains 20mM Tris-HCl, pH 7.4,100mM NaCl, 2mM EDTA and 5% Glycerol.

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.

Purity

Greater than 90.0% as determined by SDS-PAGE.

Precautions

HSP104 Saccharomyces is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P31539)

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