

Hsp104(amino acids 1-908) *Saccharomyces cerevisiae*, Recombinant, *E.coli*

Cat. No. HSP0502
Cat. No. HSP0552

Size : 1 mg
Size : 100 μ g

Description : 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.

Form : Liquid. 20 mM Tris-HCl, pH 8.0, 100 mM NaCl, 2 mM EDTA, 5% Glycerol.

Molecular Weight : 102 kDa (908 amino acids)

Purity : \geq 90% by SDS PAGE

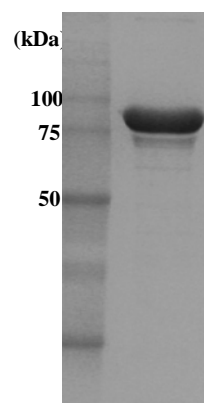
General References :

Abbas-Terki T *et al*, (2001) *Mol Cell Biol*, **21**: 7569-7575.

Sanchez Y *et al*, (1990) *Science*, **248**: 1112-1115.

Parsell DA *et al*, (1991) *Nature*, **353**: 270-273.

Storage : Store at -20 °C. Avoid freeze/thaw cycles



10% SDS-PAGE

WARNING: THIS PRODUCT IS NOT INTENDED OR APPROVED FOR HUMAN, DIAGNOSTICS OR VETERINARY USE. USE OF THIS PRODUCT FOR HUMAN OR ANIMAL TESTING IS EXTREMELY HAZARDOUS AND MAY RESULT IN DISEASE, SEVERE INJURY, OR DEATH.