

Datasheet for ABIN934894
HSP104 Protein (AA 1-908)



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1 Image

Overview

Quantity:	100 µg
Target:	HSP104
Protein Characteristics:	AA 1-908
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Application:	SDS-PAGE (SDS)

Product Details

Sequence: MNDQTQFTER ALTILTLAQK LASDHQHPQL QPIHILAAFI ETPEDGSVPY LQNLIEKGRY
DYDLFKKVVN RNLVRIPQQQ PAPAETPSY ALGKVLQDAA KIQKQKDSF IAQDHILFAL
FNDSSIQQIF KEAQVDIEAI KQQAELRGN TRIDSRGADT NTPLEYLSKY AIDMTEQARQ
GKLDPVIGRE EEIRSTIRVL ARRIKSNPCL IGEPGIGKTA IIEGVAQR II DDDVPTILQG AKLFSLDLAA
LTAGAKYKGD FEERFKGVLK EIEESKTLIV LFIDEIHMLM GNGKDDAANI LKPALSRGQL
KVIGATTNNE YRSIVEKDGA FERFQKIEV AEPSVRQTVA ILRGLQPKYE IHHGVRILDS
ALVTAAQLAK RYLPYRRLPD SALDLVDISC AGVAVARDSK PEELDSKERQ LQLIQVEIKA
LERDEDADST TKDRLKLARQ KEASLQEELE PLRQRYNEEK HGHEELTQAK KKLDELENKA
LDAERRYDTA TAADLRYFAI PDIKKQIEKL EDQVAEEERR AGANSMIQNV VSDTISETA
ARLTGIPVKK LSESENEKLI HMERDLSSEV VGQMDAIKAV SNAVRLSRSG LANPRQPASF
LFLGLSGSGK TELAKKVAGF LFNDEDMMIR VDCSELSEKY AVSKLLGTTA GYVGYDEGGF
LTNQLQYKPY SVLLFDEVEK AHPDVLTVML QMLDDGRITS GQGKTIDCSN CIVIMTSNLG
AEFINSQQGS KIQESTKNLV MGA VRQHFRP EFLNRISIV IFNKLSRKAI HKIVDIRLKE
IEERFEQNDK HYKLNLTQEA KDFLAKYGYS DDMGARPLNR LIQNEILNKL ALRILKNEIK

Product Details

DKETVNVVLK KGKSRDENVP EEAEECLEVL PNHEATIGAD TLGDDDNEDS MEIDDDL

Characteristics: Purified recombinant Human Hsp104 protein
Expression System: E.coli
Molecular weight on SDS-PAGE will appear higher.

Purity: > 90 % pure

Target Details

Target: HSP104

Alternative Name: Hsp104 ([HSP104 Products](#))

Background: 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.

Alternative Names: HSP-104 protein, HSP 104, Hsp 104, Heat shock protein 104 protein, HSP 104 protein, HSP-104, HSP104, Heat shock protein 104 L0948 protein

Molecular Weight: 102 kDa (908 AA)

Application Details

Application Notes: HSP104 protein has been used in SDS PAGE and may be suitable for use in other assays to be determined by the end user.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: Supplied as a liquid in 20 mM Tris-HCl, pH 8.0, containing 100 mM NaCl, 2 mM EDTA, and 5 % glycerol.

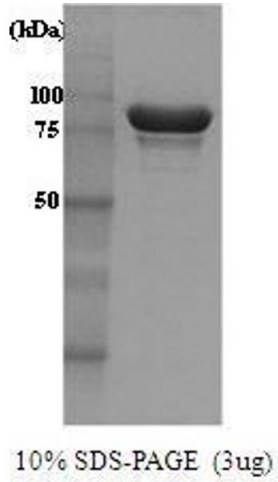
Handling Advice: Avoid repeated freeze/thaw cycles.

Storage: RT/-20 °C

Handling

Storage Comment: Store at 4 °C for short term storage (1/2 weeks). Aliquot and store at -20 °C or -70 °C for long term storage.

Images



SDS-PAGE

Image 1. Figure annotation denotes ug of protein loaded and % gel used.