

Product datasheet for SA6030X

Heat shock protein 104 / HSP104 (1-908) *Saccharomyces cerevisiae* Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Heat shock protein 104 / HSP104 (1-908) s. cerevisiae protein, 0.5 mg
Species:	<i>Saccharomyces cerevisiae</i>
Expression Host:	<i>E. coli</i>
Expression cDNA Clone or AA Sequence:	MNDQTQFTER ALTILTLAQK LASDHQHPQL QPIHILAAFI ETPEDGSVPY LQNLIEKGRY DYDLFKKVVN RNLVRIPQQQ PAPAETPSY ALGKVLQDAA KIQKQKDSF IAQDHILFAL FNDSSIQQIF KEAQVDIEAI KQQAELRGN TRIDSRGADT NTPLEYLSKY AIDMTEQARQ GKLDPVIGRE EIRSTIRVL ARRIKSNPCL IGEPGIGKTA IIEGVAQR II DDDVPTILQG AKLFSLDLAA LTAGAKYKGD FEERFKGVK EIEESKTLIV LFIDEIHMLM GNGKDDAANI LKPALSRGQL KVIGATTNNE YRSIVEKDGA FERRFQKIEV AEPVSRQTVA 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 VDCELSEKY AVSKLLGTTA GYVG YDEGGF LTNQLQYKPY SVLLFDEVEK AHPDVLTVML QMLDDGRITS GQGKTIDCSN CIVIMTSNLG AEFINSQQGS KIQESTKNLV MGA VRQHFRP EFLNRISIV IFNKLSRKAI HKIVDIRLKE IEERFEQNDK HYKLNLTQEA KDFLAKYGYS DDMGARPLNR LIQNEILNKL ALRILKNEIK DKETVNVVLK KGKSRDENVP EEAEECLEVL PNHEATIGAD TLGDDDNEDS MEIDDDLD
Predicted MW:	102 kDa
Purity:	>90% by SDS-PAGE; purified to apparent homogeneity by using conventional column chromatography techniques
Buffer:	Presentation State: Purified State: Liquid protein
Preparation:	Liquid protein
Protein Description:	Hsp104 was cloned into an <i>E. coli</i> expression vector and was purified to apparent homogeneity by using conventional column chromatography techniques.
Storage:	Store at 2 - 8 °C for up to one month or at -20 °C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.



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RefSeq: [NP_013074](#)

Summary: 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.

Product images:

