

HSP104

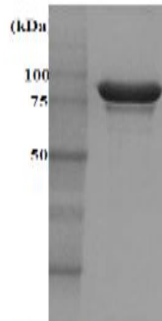
Recombinant *S. Cerevisiae* HSP104 (aa 1-908)

Catalog No.	CSI15617A CSI15617B	Quantity:	100 µg 500 µg
Alternate Names:	HSP104		
Description:	Hsp104 is a molecular chaperone required for stress tolerance and for maintenance of [psi(+)] prions in the budding yeast <i>Saccharomyces cerevisiae</i> . 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 <i>E. coli</i> expression vector and was purified to apparent homogeneity by using conventional column chromatography techniques.		
Concentration:	1 mg/ml (determined by Bradford assay)		
Gene ID:	850633		
Protein Accession No:	NP_013074		
Source:	<i>E. coli</i>		
Molecular Weight:	102kDa (908aa), confirmed by MALDI-TOF		
Formulation:	Liquid. 20 mM Tris-HCl, pH 8.0, 100 mM NaCl, 2 mM EDTA, 5% Glycerol.		
Purity:	> 90% by SDS - PAGE		
Amino Acid Sequence:	MNDQTQFTER ALTILTLAQK LASDHQHPQL QPIHILAAFI ETPEDGSVPY LQNLIKGRY DYDLFKKVVN RNLVRIPQQQ PAPAEITPSY ALGKVLQDAA KIQKQQKDSF IAQDHILFAL FNDSSIQQIF KEAQVDIEAI KQQALELRGN TRIDSRGADT NTPLEYLSKY AIDMTEQARQ GKLDPVIGRE EEIRSTIRVL ARRIKSNPCL IGEPGIGKTA IIEGVAQR II DDDVPTILQG AKLFSLDLAA LTAGAKYKGD FEERFKGVLK EIEESKTLIV LFIDEIHMLM GNGKDDAANI LKPALSRGQL KVIGATTNNE YRSIVEKDGA FERRFQKIEV 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 LFNDEDMIR VDCSESEKY AVSKLLGTGA GYVG YDEGGF LTNQLQYKPY SVLLFDEVEK AHPDVLTVML QMLDDGRITS GQGKTIDCSN CIVIMTSNLG AEFINSQQGS KIQESTKNLV MGAVRQHFRP EFLNRISIV IFNKL SRKAI HKIVDIRLKE IEERFEQNDK HYKLNLTQEA KDFLAKYGYS DDMGARPLNR LIQNEILNKL ALRILKNEIK DKETVNVVLK KGKSRDENVP EEAEECLEVL PNHEATIGAD TLGDDDNEDS MEIDDDLD		



Storage & Stability:

Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -80C. **Avoid repeated freezing and thawing cycles.**



10% SDS-PAGE (3ug)

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.



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