

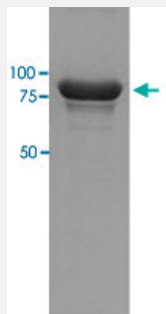
Full-Length

HSP104 (Yeast) Recombinant Protein

Catalog # P4985

Size 100 ug

Applications



Specification

Product Description

Yeast HSP104 (NP_013074, 1 a.a. - 908 a.a.) full-length recombinant protein expressed in *Escherichia coli*.

Sequence

MNDQTQFTERALTILTLAQKLASDHQHPQLQPIHILAAFIETPEDGSVPYLQNLIEKGRYDYDLFKKV
VNRNLVRIPQQQPAPAEITPSYALGKVLQDAAKIQKQKDSFIAQDHILFALFNDSSIQQIFKEAQVD
IEAIKQQALELRGNTRIDSRGADTNTPLEYLSKYAIDMTEQARQGKLDPVIGREEEIRSTIRVLARRIK
SNPCLIGEPGIGKTAIEGVAQRIIDDVPTILQGAKLFSDLAALTAGAKYKGDFEERFKGVLKEIEE
SKTLVLFIDEIHMLMGNGKDDAANILKPALSRGQLKVIGATTNNEYRSMEKDGAFFRRFKIEVAE
PSVRQTVAILRGLQPKYEHGVRILDSALVTAAQLAKRYLPYRRLPDSALDLVDISCAGVAVARDS
KPEELDSKERQLQLIQVEIKALERDEDEDSTTKDRLKLARQKEASLQEELEPLRQRYNEEKHGHE
ELTQAKKKLDELENKALDAERRYDTATAADLRYFAIPDIKKQIEKLEDQVAEEERRAGANSMIQNV
VSDTISETAARLTGIPVKKLSESENEKLIHMERDLSSEVVGQMDAIAVSNVRLSRSGLANPRQ
PASFLFLGLSGSGKTELAKKVAGFLFNDEDMMIRVDCSELSEKYAVSKLLGTTAGYVGYDEGGFL
TNQLQYKPYSVLLFDEVEKAHPDVLTVMLQMLDDGRITSGQGKTIDCSNCVIMTSNLGAEFINSQQ
GSKIQUESTKNLVMGAVRQHFRPEFLNRSSVIFNKLRSKAIHKIVDIRLKEIEERFEQNDKHYKLNLT
QEAKDFLAKYGYSDDMGARPLNRLIQNEILNKLALRILKNEIKDKETVNVVLKKGKSRDENVPEEA
EECLEVLPNHEATIGADTLGDDDNEDSMEIDDDLD

Host Escherichia coli

Theoretical MW (kDa) 102

Form Liquid

Preparation Method	<i>Escherichia coli</i> expression system
Purification	Conventional Chromatography
Concentration	1 mg/mL
Purity	> 90% by SDS-PAGE
Quality Control Testing	Loading 3 ug protein in 10% SDS-PAGE
Storage Buffer	In 20 mM Tris-HCl buffer, 100 mM NaCl, pH 8.0 (2 mM EDTA, 5% glycerol).
Storage Instruction	Store at 2°C to 8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- SDS-PAGE

Gene Info — HSP104

Entrez GeneID	850633
Protein Accession#	NP_013074
Gene Name	HSP104
Gene Alias	-
Gene Description	Heat shock protein that cooperates with Ydj1p (Hsp40) and Ssa1p (Hsp70) to refold and reactivate previously denatured, aggregated proteins; responsive to stresses including: heat, ethanol, and sodium arsenite; involved in [PSI ⁺] propagation
Gene Ontology	Hyperlink
Gene Summary	-
Other Designations	Hsp104p