

Saccharomyces cerevisiae Heat Shock Protein 104 Recombinant Protein | HSP104 recombinant protein

Recombinant Saccharomyces cerevisiae Heat Shock Protein 104

CATALOG # AAA38373	HOST Saccharomyces cerevisiae
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PRODUCT SYNONYMS

Saccharomyces cerevisiae Heat Shock Protein 104; Recombinant Saccharomyces cerevisiae Heat Shock Protein 104; HSP104 Saccharomyces; Heat Shock Protein 104 Saccharomyces cerevisiae Recombinant; Heat shock protein 104; Protein aggregation-remodeling factor HSP104; HSP104; YLL026W; L0948; HSP104 recombinant protein

PRODUCT SPECIFICATIONS

Host	Saccharomyces cerevisiae
Purity/Purification	Greater than 90.0% as determined by(a) Analysis by RP-HPLC. (b) Analysis by SDS-PAGE.
Form/Format	The HSP-104 protein solution contains 20mM Tris-HCl, pH 7.4,100mM NaCl. 2mM EDTA and 5% Glycerol. Sterile filtered colorless solution.
Sequence Length	908
Preparation and Storage	Store at 4 degree C if entire vial will be used within 2-4 weeks. Store, frozen at -20 degree C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for HSP104 recombinant protein	Description: Recombinant HSP104 produced in E Coli is a single, non-glycosylated polypeptide chain containing 908 amino acids and having a molecular mass of 102 kDa. Introduction: 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 Categories/Family for HSP104 recombinant protein	Heat Shock Proteins ; Recombinant Proteins ; Heat Shock Protein

NCBI AND UNIPROT INFORMATION

NCBI GI #	6323002
NCBI GeneID	850633
NCBI Accession #	NP_013074.1
NCBI GenBank Nucleotide #	NM_001181846.1
UniProt Accession #	P31539; D6VXX8
Molecular Weight	102,035 Da
NCBI Official Full Name	chaperone ATPase HSP104

NCBI Official Symbol	HSP104
NCBI Protein Information	chaperone ATPase HSP104
UniProt Protein Name	Heat shock protein 104
UniProt Gene Name	HSP104
UniProt Entry Name	HS104_YEAST

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/hsp104-recombinant-protein-saccharomyces-cerevisiae/38373>