

Heat Shock Protein 27, human recombinant protein
Catalog # PBV10443r**Specification**

Heat Shock Protein 27, human recombinant protein - Product info

Primary Accession [P04792](#)
Calculated MW **22.7 kDa KDa**

Heat Shock Protein 27, human recombinant protein - Additional Info

Gene ID **3315**
Gene Symbol **HSPB1**

Other Names

Heat shock protein beta-1, HspB1, 28 kDa heat shock protein, Estrogen-regulated 24 kDa protein, Heat shock 27 kDa protein, Short name=HSP 27, Stress-responsive protein 27

Gene Source **Human**
Source **E. coli**
Assay&Purity **SDS-PAGE; ≥98%**
Assay2&Purity2 **HPLC; ≥98%**
Recombinant **Yes**
Format
Liquid

Storage

-20°C; 1 mg/ml solution containing 20 mM Hepes (pH 7.5), 1 mM DTT and 100 mM KCl.

Heat Shock Protein 27, human recombinant protein - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Heat Shock Protein 27, human recombinant protein - Images**Heat Shock Protein 27, human recombinant protein - Background**

Recombinant Human Heat Shock Protein produced in E.Coli is a single, non-glycosylated polypeptide chain containing 205 amino acids and have a molecular weight of 22.7 kDa. The protein was purified by proprietary chromatographic techniques.

Heat Shock Protein 27, human recombinant protein - References

Hickey E., et al. Nucleic Acids Res. 14:4127-4145(1986).
Carper S.W., et al. Nucleic Acids Res. 18:6457-6457(1990).
Hino M., et al. Biochem. Biophys. Res. Commun. 271:164-169(2000).
Briolay J., et al. Submitted (JUN-1993) to the EMBL/GenBank/DDBJ databases.
Yu W., et al. Genome Res. 7:353-358(1997).