

# Human HSP27 Recombinant Protein



RPPB5236

## Product Information Protein Information

### Product SKU:

RPPB5236

### Accession:

P04792

### Host:

Escherichia Coli.

### Protein description:

Recombinant Human HSP-27 produced in E.Coli is a single, non-glycosylated polypeptide chain containing 225 amino acids (1-205 a.a.) and having a molecular mass of 24.9kDa. Hsp27 is fused to a 20 amino acid his tag at N-terminus and purified by conventional chromatography.

### Appearance:

Sterile Filtered colorless solution.

### Synonyms:

HSPB1, CMT2F, HMN2B, HSP27, HSP28, HSP25, Heat shock protein beta-1, Heat shock 27 kDa protein, Stress-responsive protein 27, SRP27, HS.76067, DKFZp586P1322.

### Formulation:

The HSP27 protein solution contains 20mM Tris-Hcl buffer, 1mM DTT and 10% glycerol.

### Purity:

Greater than 95.0% as determined by SDS-PAGE.

### Stability:

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°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.

### Amino Acid Sequence:

MGSSHHHHHH SSGLVPRGSH MTERRVPFSL LRGPSWDPFR DWYPHSRLFD QAFGLPRLPE EWSQWLGGSS  
WPGYVRPLPP AAIESPAVAA PAYSRALSRQ LSSGVSEIRH TADRWRVSLD VNHFAPELDT VKTKDGVVEI  
TGKHEERQDE HGYISRCFTR KYTLPPGVDP TQVSSSLSPG GTLTVEAPMP KLATQSNEIT IPVTFESRAQ  
LGGPEAAKSD ETAAK.