

Heat Shock Protein 27 Human Recombinant

Item Number	rAP-3393
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.
Description	Recombinant Human HSP-27 produced in E.Coli is a single, non-glycosylated polypeptide chain containing 205 amino acids and having a molecular mass of 22.7 kDa. Hsp27 was over-expressed in E. coli and purified by conventional chromatography.
Uniprot Accesion Number	P04792
Amino Acid Sequence	MTERRVPFSL LRGPSWDPFWR DWYPHSRLFD QAFGLPRLPE EWSQWLGGSS WPGYVRLPAAIES-PAVAA PAYSRALSRQ LSSGVSEIRH TADRWRVSLD VNHFAPDELT VKTKDGVVEI TGKHEERQDE HGYISRCFTR KYTLPPGVDP TQVSSLSPE GTLTVEAPMP KLATQSNEIT IPVTFESRAQ LGGPEAAKSD EAAK.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered colorless solution. 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.
Formulation and Purity	The HSP27 protein solution contains 20mM Hepes pH-7.5, 1mM DTT and 100mM KCl. Greater than 95.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the end users! This product is sold for **Research Use Only**