

Human HSP27

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.

PLEASE NOTE: ALWAYS CENTRIFUGE VIAL BEFORE OPENING

Size	Order #	Lot #	Expiry Date
10 µg	4027.950.010		
50 µg	4027.950.050		
1 mg	4027.950.199		

Please enquire for bulk quantities and other vial sizes

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.

- **Source** *E. Coli*
- **Purity** ≥ 95 % (SDS-PAGE)
- **Endotoxin level** ≤ 0.1ng/µg (≤ 1EU/µg)
- **Buffer** The HSP27 protein solution contains 20mM Hepes pH-7.5, 1mM DTT and 100mM KCl*
- **Physical state** Sterile filtered colorless solution

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). **Please avoid repeated freeze-thaw cycles.**

Amino Acid Sequence

MTERRVPFSL LRGPSWDPFR DWYPHSRLFD QAFGLPRLPE EWSQWLGGSS WPGYVRPLPP AAIESPAVAA
PAYSRALSRQ LSSGVSEIRH TADRWRVSLD VNHFAPELDT VKTKDGVVEI TGKHEERQDE HGYISRCFTR
KYTLPPGVDP TQVSSSLSP E GTLTVEAPMP KLATQSNEIT IPVTFESRAQ LGGPEAAKSD ETAAK

Usage: For research use only. Not for use in diagnostic or therapeutic procedures. Not for human use.

*The Buffer may vary depending on the Lot #. Please contact our technical support if you have specific requirements.

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