

## Recombinant Human Heat Shock Protein 27 (Hsp27)

<b>CATALOG #:</b>	4853-10	10 µg
	4853-50	50 µg
	4853-1000	1 mg
<b>SOURCE:</b>	<i>E. coli</i>	
<b>PURITY:</b>	≥ 98% as determined by SDS-PAGE and HPLC	
<b>ENDOTOXIN:</b>	Less than 0.1 ng/mg of Hsp27	
<b>PHYSICAL APPEARANCE:</b>	Clear solution	
<b>FORMULATION:</b>	1 mg/ml solution containing 20 mM Hepes (pH 7.5), 1 mM DTT and 100 mM KCl.	

### STORAGE CONDITIONS:

Store at 4°C for 2-7 days and store at -20°C for future use. For long-term storage, it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid freeze-thaw cycles.

### DESCRIPTION:

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.

### ACTIVITY:

Immunoreactivity is confirmed by reaction with monoclonal mouse antibodies against *HSP-27*.

**FOR RESEARCH USE ONLY! Not to be used on humans.**

### RELATED PRODUCTS:

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- Caspase Assay Kits & Reagents
- Mitochondrial Apoptosis Kits & Reagents
- Nuclear Apoptosis Kits & Reagents
- Apoptosis Inducers and Set
- Apoptosis siRNA Vectors

#### Cell Fractionation System

- Mitochondria/Cytosol Fractionation Kit
- Nuclear/Cytosol Fractionation Kit
- Membrane Protein Extraction Kit
- Cytosol/Particulate Rapid Separation Kit
- Mammalian Cell Extraction Kit
- FractionPREP Fractionation System

#### Cell Proliferation & Senescence

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- Senescence Detection Kit
- High Throughput Apoptosis/Cell Viability Assay Kits
- LDH-Cytotoxicity Assay Kit
- Bioluminescence Cytotoxicity Assay Kit
- Live/Dead Cell Staining Kit

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- HAT Colorimetric Assay Kit & Reagents
- DNA Damage Quantification Kit
- Glutathione & Nitric Oxide Fluorometric & Colorimetric Assay Kits

#### Signal Transduction

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- Akt & JNK Activity Assay Kits
- Beta-Secretase Activity Assay Kit

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- CETP Activity Assay & Drug Discovery Kits
- PLTP Activity Assay & Drug Discovery Kits
- Total Cholesterol Quantification Kit

#### Molecular Biology & Reporter Assays

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- Cloning Insert Quick Screening Kit
- Mitochondrial & Genomic DNA Isolation Kits
- 5 Minutes DNA Ligation Kit
- 20 Minutes Gel Staining/Destaining Kit
- β-Galactosidase Staining Kit & Luciferase Reporter Assay Kit

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