

Recombinant Human Heat Shock Protein 20KD (Hsp20)

CATALOG #:	4847-10
AMOUNT:	10 µg
LOT #:	_____
SOURCE:	<i>E. coli</i>
PURITY:	≥ 98% as determined by SDS-PAGE and HPLC
ENDOTOXIN:	Less than 0.1 ng/mg of Hsp20
PHYSICAL APPEARANCE:	Lyophilized powder

RECONSTITUTION:

Centrifuge the vial prior to opening. Reconstitute in H₂O to a concentration of 0.1-1.0 mg/ml. The solution can then be diluted to other aqueous buffers.

STORAGE CONDITIONS:

Lyophilized Hsp20 should be stored desiccated below 0°C. Upon reconstitution Hsp20 can be stored at 4°C for 2-7 days. For long-term storage, it is recommended to add a carrier protein (0.1% HSA or BSA) and store aliquots at -20°C or -70°C. Avoid freeze-thaw cycles.

DESCRIPTION:

Recombinant Human Heat Shock Protein is produced in *E.Coli*. Human Heat Shock Protein is purified by proprietary chromatographic techniques.

ACTIVITY:

Immunoreactivity is confirmed by reaction with monoclonal mouse antibodies against *HSP-20*.

RELATED PRODUCTS:

Apoptosis Detection Kits & Reagents

- Annexin V Kits & Bulk Reagents
- 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

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

Cell Damage & Repair

- HDAC Fluorometric & Colorimetric Assays & Drug Discovery Kits
- HAT Colorimetric Assay Kit & Reagents
- DNA Damage Quantification Kit
- Glutathione & Nitric Oxide Fluorometric & Colorimetric Assay Kits

Signal Transduction

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

Adipocyte & Lipid Transfer

- Recombinant Adiponectin, Survivin, & Leptin
- CETP Activity Assay & Drug Discovery Kits
- PLTP Activity Assay & Drug Discovery Kits
- Total Cholesterol Quantification Kit

Molecular Biology & Reporter Assays

- siRNA Vectors
- 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

Growth Factors and Cytokines

Monoclonal and Polyclonal Antibodies

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