

HSP27 protein

CatalogNo: YD0041

| Key Features

Reactivity

- Human

| Storage

Storage* -20°C/6 month, -80°C for long storage

Formulation Liquid in PBS

| Recommended Dilution Ratios

| Basic Information

Source E.coli

Purification E.coli

Purity SDS-PAGE >90%

| Immunogen Information

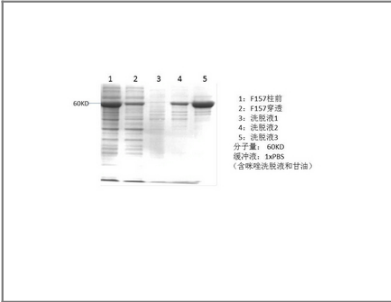
Sequence Heat shock protein beta-1

| Target Information

Gene name HSPB1 HSP27 HSP28

Protein Name	Heat shock protein beta-1		
	Organism	Gene ID	UniProt ID
	Human	3315;	P04792;
	Mouse	15507;	P14602;
Cellular Localization	Cytoplasm . Nucleus . Cytoplasm, cytoskeleton, spindle . Cytoplasmic in interphase cells. Colocalizes with mitotic spindles in mitotic cells. Translocates to the nucleus during heat shock and resides in sub-nuclear structures known as SC35 speckles or nuclear splicing speckles. .		
Tissue specificity	Detected in all tissues tested: skeletal muscle, heart, aorta, large intestine, small intestine, stomach, esophagus, bladder, adrenal gland, thyroid, pancreas, testis, adipose tissue, kidney, liver, spleen, cerebral cortex, blood serum and cerebrospinal fluid. Highest levels are found in the heart and in tissues composed of striated and smooth muscle.		
Function	regulation of translation, regulation of translational initiation, anti-apoptosis, cell motion, response to unfolded protein, cell death, response to temperature stimulus, response to heat, response to abiotic stimulus, response to organic substance, posttranscriptional regulation of gene expression, regulation of cell death, death, regulation of cellular protein metabolic process, regulation of apoptosis, negative regulation of apoptosis, regulation of programmed cell death, negative regulation of programmed cell death, response to protein stimulus, negative regulation of cell death,		

Validation Data



Contact information

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HSP27 protein

