Recombinant Human HSPB7 Protein, MYC/DDK-tagged, C13 and N15-labeled

Cat. No. HSPB7-124H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	HSPB7 MS Standard C13 and N15-labeled recombinant protein (NP_055239) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a small heat shock family B member that can heterodimerize with similar heat shock proteins. Defects in this gene are associated with advanced heart failure. In addition, the encoded protein may be a tumor suppressor in the p53 pathway, with defects in this gene being associated with renal cell carcinoma.
Molecular Mass	18.6 kDa
AA Sequence	MSHRTSSTFRAERSFHSSSSSSSSSTSSSASRALPAQDPPMEKALSMFSDDFGSF MRPHSEPLAFPARPGGAGNIKTLGDAYEFAVDVRDFSPEDIIVTTSNNHIEVRAEKLA ADGTVMNTFAHKCQLPEDVDPTSVTSALREDGSLTIRARRHPHTEHVQQTFRTEIKI TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.

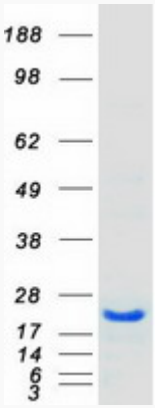
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Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 μg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	HSPB7 heat shock protein family B (small) member 7 [Homo sapiens (human)]
Official Symbol	HSPB7
Synonyms	HSPB7; heat shock protein family B (small) member 7; cvHSP; heat shock protein beta-7; cardiovascular heat shock protein; heat shock 27kD protein family, member 7 (cardiovascular); heat shock 27kDa protein family, member 7 (cardiovascular)
Gene ID	27129
mRNA Refseq	NM_014424
Protein Refseq	NP_055239
MIM	610692
UniProt ID	Q9UBY9

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SDS-PAGE	

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