

## Product datasheet for **TP721015XL**

### cvHSP (HSPB7) (NM\_014424) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human heat shock 27kDa protein family, member 7 (cardiovascular) (HSPB7)
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	Met1-Ile170
Tag:	C-His
Predicted MW:	19.6 kDa
Purity:	>95% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	Supplied as a 0.2 um filtered solution of 20mM Tris-HCl, 0.2M NaCl, 2mM DTT, 50%Glycerol, pH 8.0.
Endotoxin:	Endotoxin level is < 0.1 ng/μg of protein (< 1 EU/μg)
Storage:	Store at < -20°C, stable for 6 months after receipt. Please minimize freeze-thaw cycles.
Stability:	Stable for at least 3 months from date of receipt under proper storage and handling conditions.
RefSeq:	<a href="#">NP_055239</a>
Locus ID:	27129
UniProt ID:	<a href="#">Q9UBY9</a>
RefSeq Size:	2908
Cytogenetics:	1p36.13
RefSeq ORF:	510
Synonyms:	cvHSP
Summary:	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. [provided by RefSeq, Mar 2017]



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