

Product datasheet for **TP302861M**

cvHSP (HSPB7) (NM_014424) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human heat shock 27kDa protein family, member 7 (cardiovascular) (HSPB7), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC202861 protein sequence Red =Cloning site Green =Tags(s)

MSHRTSSTFRAERSFHSSSSSSSSSTSSASRALPAQDPPMEKALSMFSDDFGSMRPHSEPLAFPARG
GAGNIKTLGDAYEFAVDVRDFSPEDIIVTTSNNHIEVRAEKLAADGTMNTFAHKCQLPEDVDPTSVTSA
LREDGSLTIRARRHPHTEHVQQTFRTEIKI

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	18.4 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_055239
Locus ID:	27129
UniProt ID:	Q9UBY9



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RefSeq Size: 2908

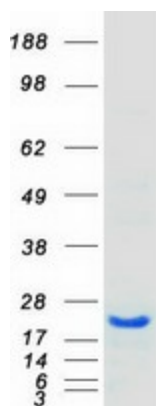
Cytogenetics: 1p36.13

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]

Product images:



Coomassie blue staining of purified HSPB7 protein (Cat# [TP302861]). The protein was produced from HEK293T cells transfected with HSPB7 cDNA clone (Cat# [RC202861]) using MegaTran 2.0 (Cat# [TT210002]).