

## Product datasheet for **TP727133**

### HSPB2 Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Human Heat Shock Protein $\beta$ -2//HSPB2/MKBP (C-6His)
Species:	Human
Expression cDNA Clone or AA Sequence:	Met1-Pro182
Tag:	C-His
Buffer:	Lyophilized from a 0.2 um filtered solution of 20mM HEPES, 0.1MKCl, pH 7.5.
Note:	Recombinant Human Heat shock protein beta-2 is produced by our E.coli expression system and the target gene encoding Met1-Pro182 is expressed with a 6His tag at the C-terminus.
Storage:	Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Stability:	12 months from date of despatch
Locus ID:	3316
UniProt ID:	<a href="#">Q16082</a>
Summary:	Heat shock protein beta-2(HSPB2) is a protein that in humans is encoded by the HSPB2 gene. HSPB2 belongs to the superfamily of small heat-shock proteins containing a conservative alpha-crystallin domain at the C-terminal part of the molecule. It is expressed preferentially in the heart and skeletal muscle. HSPB2 has been shown to interact with TRAF6, HSPB8, Myotonic dystrophy protein kinase and CRYAB. HSPB2 regulates Myotonic Dystrophy Protein Kinase, which plays an important role in maintenance of muscle structure and function.



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