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Datasheet for ABIN7318562 HSPB2 Protein (His tag)

Overview

Quantity:	50 µg
Target:	HSPB2
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This HSPB2 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human HSPB2/MKBP Protein (His Tag)
Sequence:	Met 1-Pro182
Characteristics:	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.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	HSPB2
Alternative Name:	HSPB2/MKBP (HSPB2 Products)
Background:	Background: 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

Target Details

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. Synonym: Heat shock protein beta-2,HspB2,DMPK-binding protein,MKBP,

Molecular Weight: 21.3 kDa

UniProt: [Q16082](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from a 0.2 µm filtered solution of 20 mM HEPES,0.1MKCl, pH 7.5.

Storage: 4 °C,-20 °C,-80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.