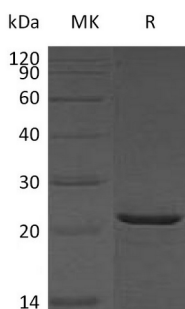


概述 (Summary)

英文全称	Heat shock protein beta-2/HSPB2
纯度 (Purity)	Greater than 95% as determined by reducing SDS-PAGE
内毒素 (Endotoxin level)	<1 EU/μg as determined by LAL test.
蛋白构建 (Construction)	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.
Accession #	Q16082
蛋白标签 (Tag)	
表达宿主 (Host)	E.coli
种属 (Species)	Human
预测分子量 (Predicted MW)	21.3 KDa
蛋白形态 (Form)	Lyophilized from a 0.2 μm filtered solution of 10mM Tris-HCl, 150mM NaCl, 1mM EDTA, pH 8.0.
储存缓冲液 (Buffer)	
运输方式 (Shipping)	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
稳定性&储存 (Stability &Storage)	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
复溶 (Reconstitution)	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles. Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

电泳图 (SDS-PAGE image)

Product Name: Recombinant Human HspB2 (C-6His)
Catalog #: PEH0780



背景 (Background)

分子别名 (Alternative Names)

Heat shock protein beta-2;HspB2;DMPK-binding protein;MKBP;

背景介绍 (References)

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.

注意事项 (Note)

For Research Use Only , Not for Diagnostic Use.